

# TEM DUST ANALYSIS M40633 012

Dies and Hile, LLP  
Houston and Amarillo

Client Sample ID: AAT 3

Sample Area/ Volume:	100 cm <sup>2</sup>	Date Analyzed:	10/21/2006
Filter Type:	MCE 47mm	Analyst:	MDMOUNT
Pore size:	0.45	Scope Number:	2
Effective Filter Area:	1297	Accelerating Voltage:	100 KV
Sample type:	Dust	Indicated Mag:	25 KX
Analysis type:	Dust	Screen Mag:	20 KX
Grid Acceptance	YES 3 %	Grid_box:	7185

Str < Sum:	86	Number of grids:	2	#1: 92	#3: 92	Average Grid Size:	0.008464
Str ≥ Sum:	11	Number of openings:	6	#2: 92	#4: 92	Total Area Analyzed:	0.051
Total Str:	97						
Volume Filtered	0.02 ml	Str / sqr ft	1.151E+11		Str / cm <sup>2</sup>	1.239E+08	
Dilution Factor	5000	Str / sqr ft >=5	1.305E+10		Str / cm <sup>2</sup> >=5	1.405E+07	

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	A4-D4	C	M-B	2.00	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2		C	M-B	1.20	0.20	X	M25823	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		C	B	2.40	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		C	C-F	2.50	0.40	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		C	B	1.50	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6		C	C-B	0.80	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7		C	F	1.70	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8		C	C-B	2.20	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9		C	C-F	4.00	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10		C	M-F	1.20	0.02	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11		C	F	3.20	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		C	F	3.20	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13		C	B	3.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile NSD - No Structure Detected  
 TR - Tremolite F - Fiber  
 CR - Crocidolite B - Bundle  
 AN - Anthophyllite M - Matrix  
 AC - Actinolite C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14	D7	C	F	1.40	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15		C	B	1.20	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16		C	C-F	6.40	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17		C	F	2.30	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18		C	F	1.00	0.01	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19		C	B	2.60	0.35	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20		C	M-B	8.80	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21		C	F	2.60	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22		C	M-B	2.80	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		C	M-F	0.80	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24		C	F	2.00	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25		C	M-F	0.80	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		C	M-B	5.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27		C	M-F	1.40	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28		C	M-B	1.20	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	G7	C	F	2.10	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30		C	F	3.40	0.02	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31		C	C-F	2.10	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32		C	F	0.80	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33		C	F	0.80	0.01	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34		C	B	3.50	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35		C	B	1.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**C - Chrysotile**  
**TR - Tremolite**  
**CR - Crocidolite**  
**AN - Anthophyllite**  
**AC - Actinolite**

**NSD - No Structure Detected**  
**F - Fiber**  
**B - Bundle**  
**M - Matrix**  
**C - Cluster**

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36		C	B	1.60	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37		C	B	5.80	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38		C	M-F	1.20	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39		C	M-F	0.60	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40		C	M-F	1.00	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41		C	M-B	14.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42		C	M-F	3.00	0.01	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43		C	F	1.20	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44		C	M-F	1.40	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45		C	M-F	2.60	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46		C	M-F	2.60	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47		C	M-F	1.20	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48		C	B	0.80	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49		C	F	0.60	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50		C	F	2.30	0.02	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51		C	B	1.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52		C	F	1.00	0.01	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53		C	M-F	1.00	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54		C	F	0.80	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55		C	B	1.20	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56		C	M-F	1.20	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57	A5-D4	C	B	2.40	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**C - Chrysotile**  
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**AN - Anthophyllite**  
**AC - Actinolite**

**NSD - No Structure Detected**  
**F - Fiber**  
**B - Bundle**  
**M - Matrix**  
**C - Cluster**

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
58		C	B	1.80	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59		C	M-B	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60		C	C-B	6.00	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61		C	M-F	0.70	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62		C	F	2.60	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63		C	B	6.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64		C	F	2.40	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65		C	B	1.60	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66		C	B	0.80	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67		C	M-F	1.60	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68		C	M-F	1.20	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69		C	B	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70		C	C-F	3.00	0.03	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71		C	M-B	0.80	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72		C	M-F	4.40	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73		C	B	0.80	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74		C	B	1.20	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75		C	F	0.60	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76		C	B	1.60	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77		C	M-B	16.00	0.05	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78		C	M-B	3.80	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79		C	B	1.50	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

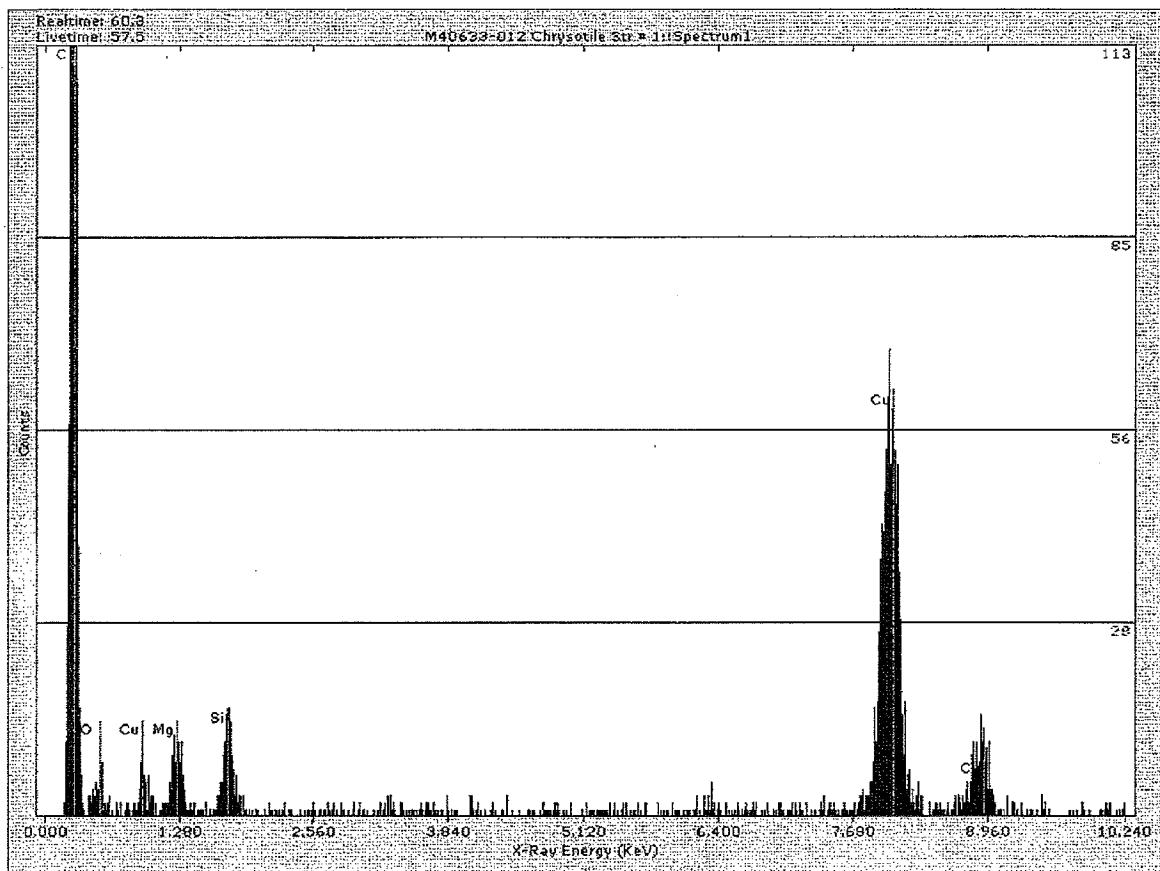
**C - Chrysotile**  
**TR - Tremolite**  
**CR - Crocidolite**  
**AN - Anthophyllite**  
**AC - Actinolite**

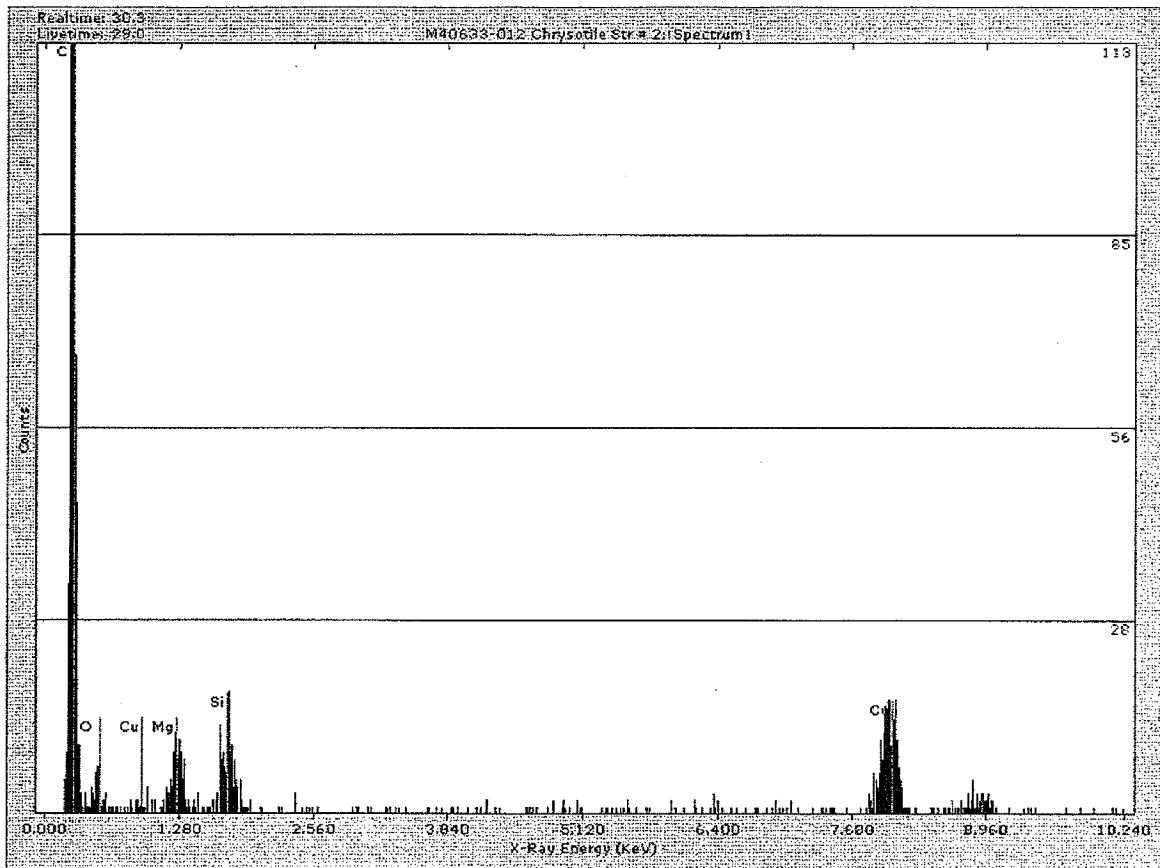
**NSD - No Structure Detected**  
**F - Fiber**  
**B - Bundle**  
**M - Matrix**  
**C - Cluster**

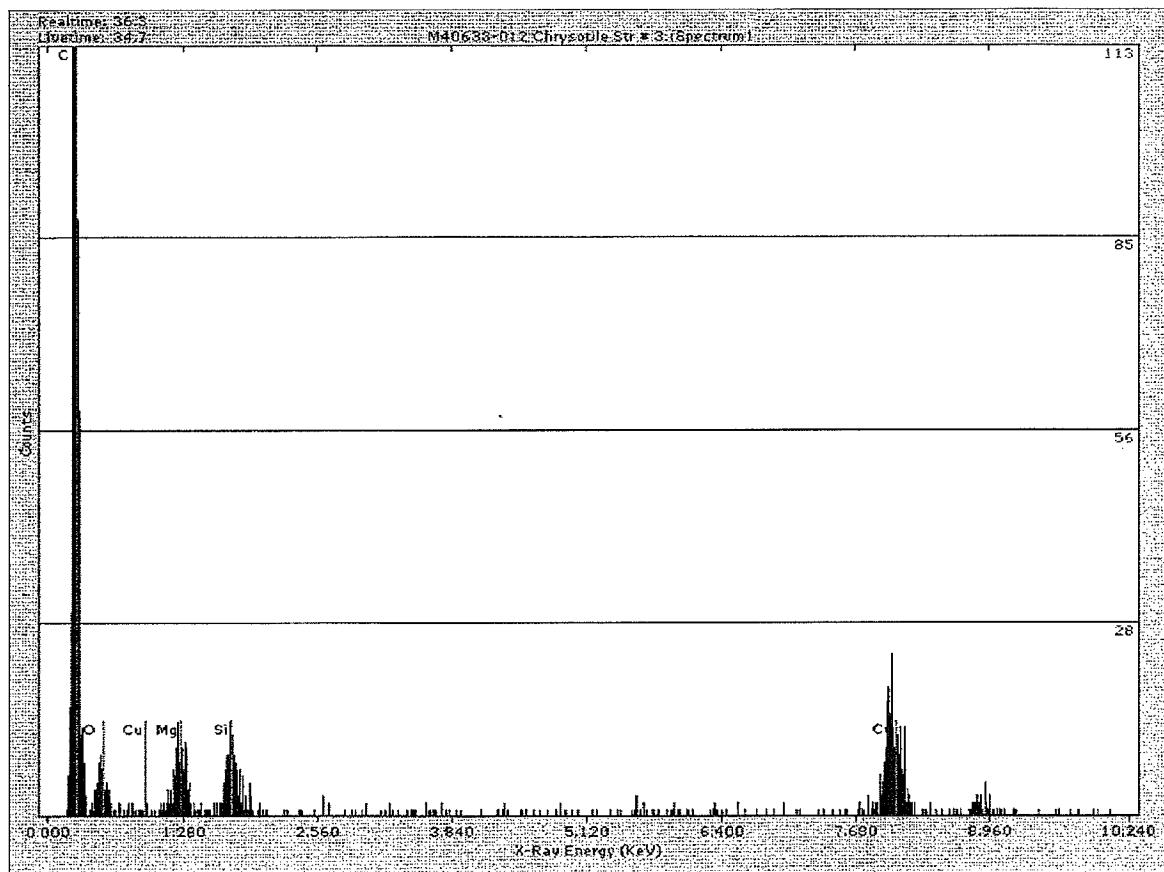
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
80		C		0.80	0.02	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81		C	F	1.20	0.01	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82	D7	C	B	6.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83		C	F	2.20	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
84		C	F	1.00	0.01	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85		C	B	2.60	0.01	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86		C	C-F	1.20	0.01	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87		C	B	1.30	0.15	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88		C	C-F	2.00	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89		C	M-B	3.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90		C	B	1.20	0.15	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91		C	C-F	1.50	0.02	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
92		C	C-B	4.00	0.10	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
93		C	M-F	6.00	0.20	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94		C	B	1.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
95		C	B	1.20	0.15	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
96		C	M-B	4.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
97		C	F	28.00	0.03	X		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

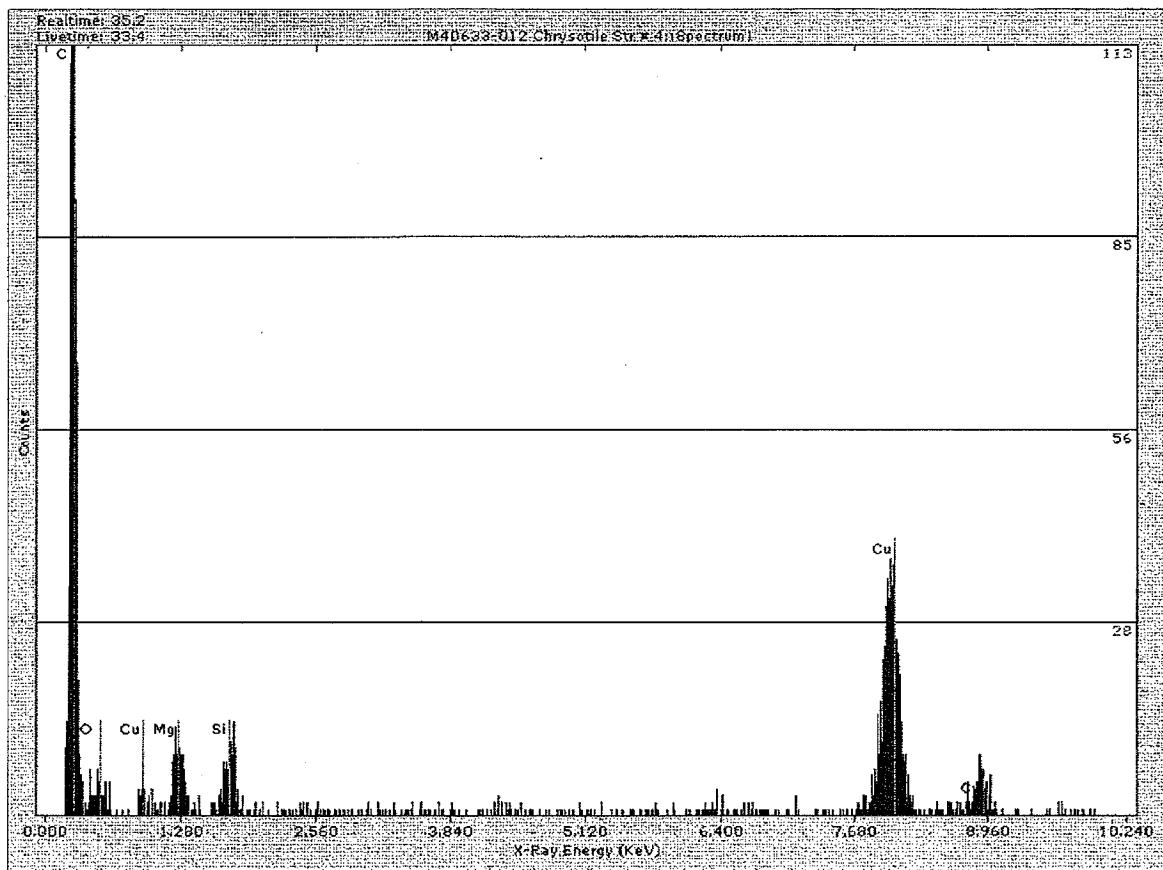
M40633 012

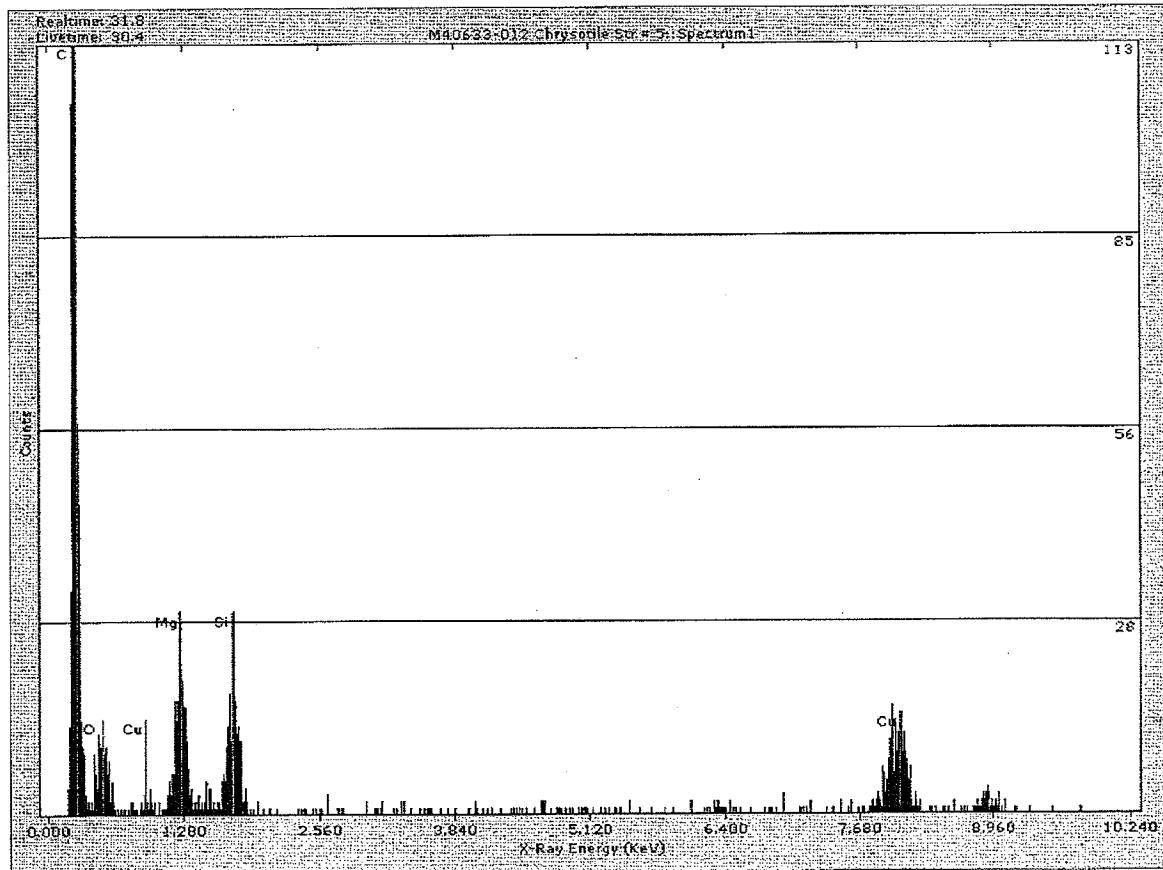
C - Chrysotile      NSD - No Structure Detected  
 TR - Tremolite      F - Fiber  
 CR - Crocidolite      B - Bundle  
 AN - Anthophyllite      M - Matrix  
 AC - Actinolite      C - Cluster

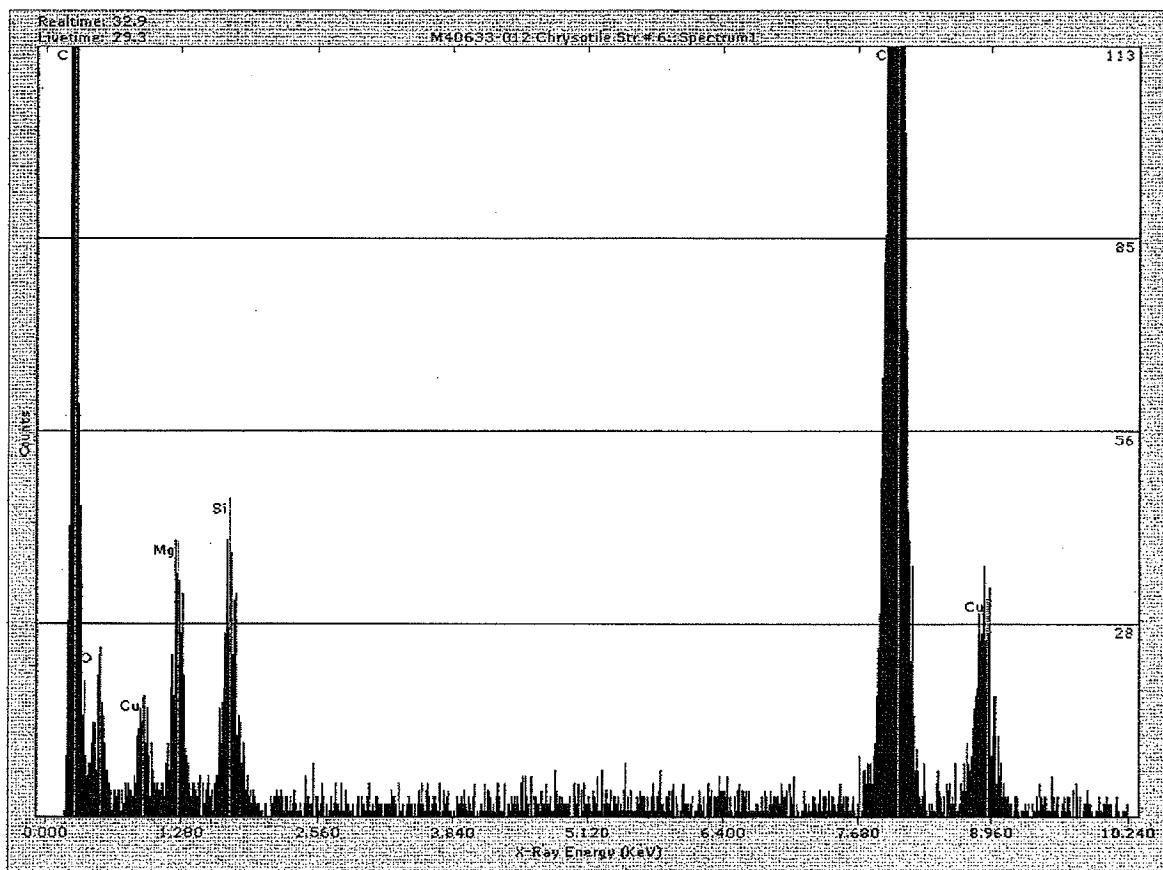


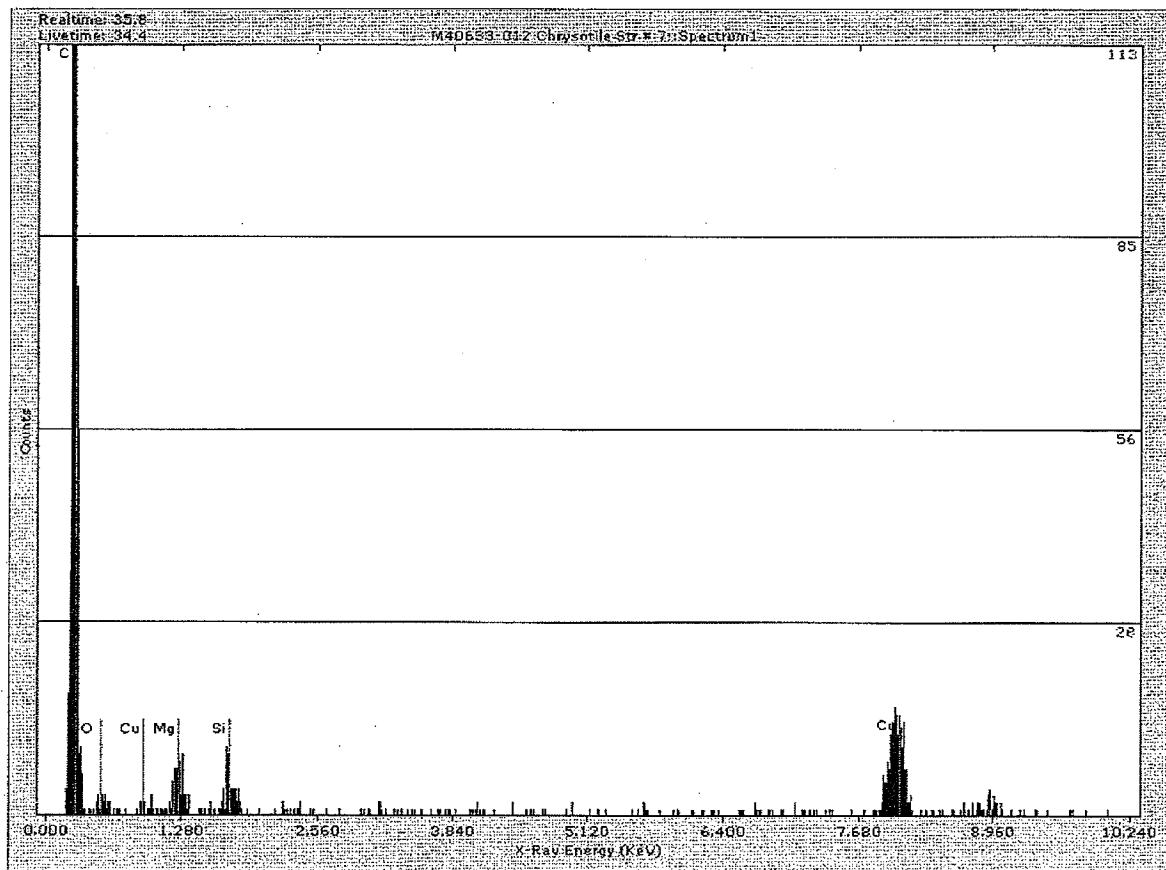


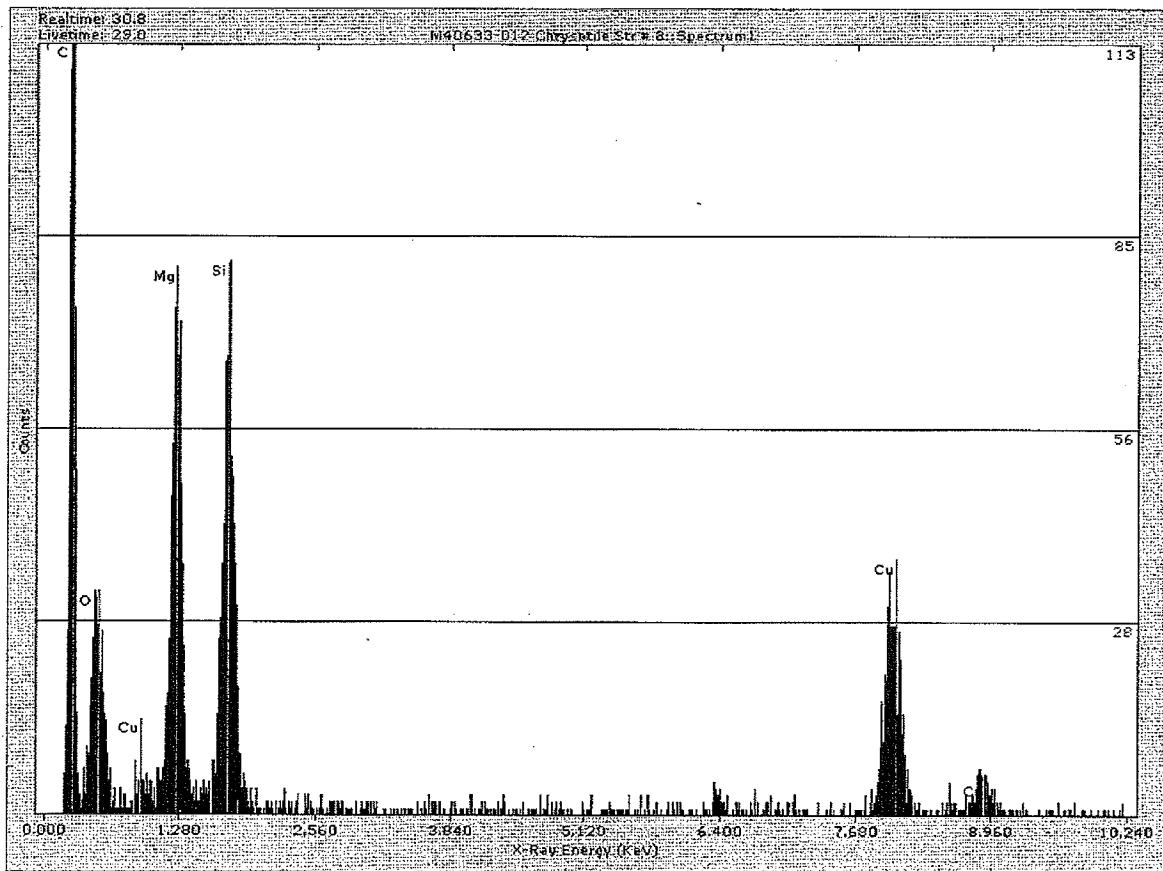


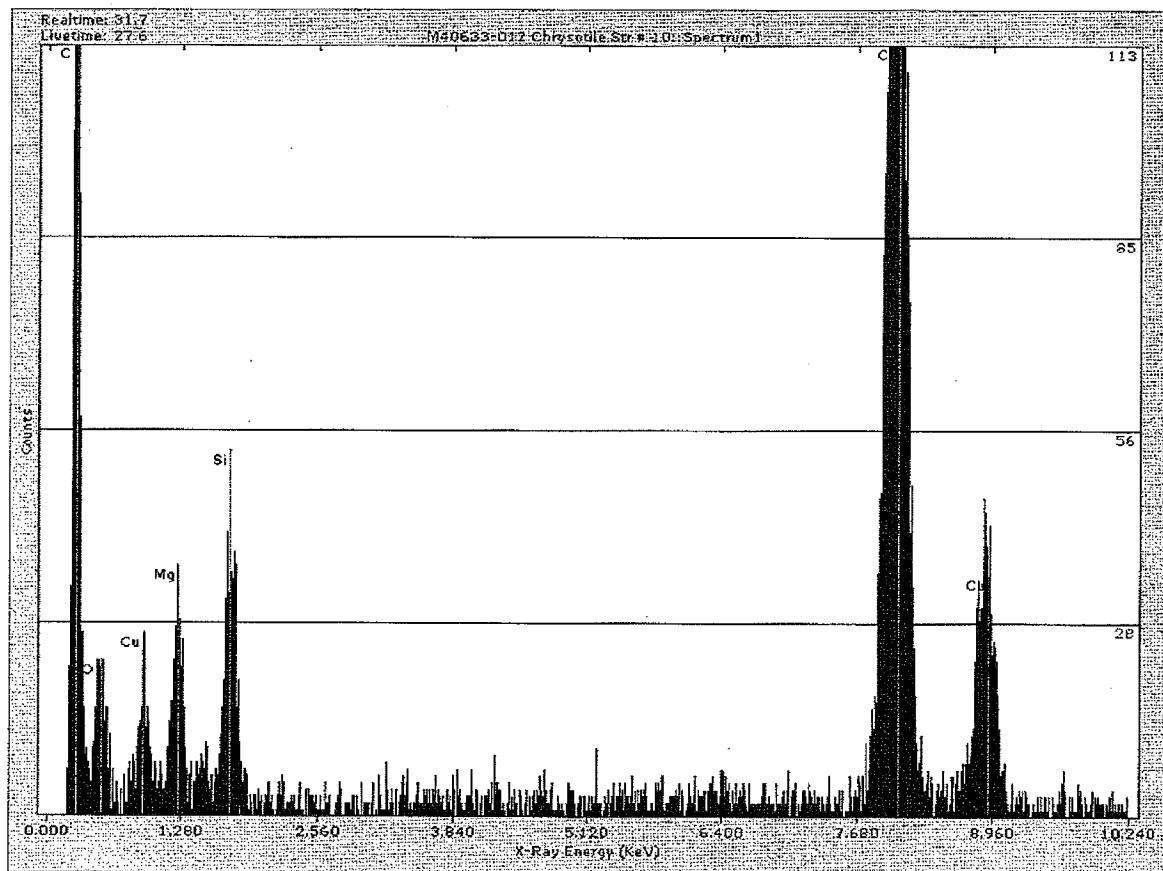


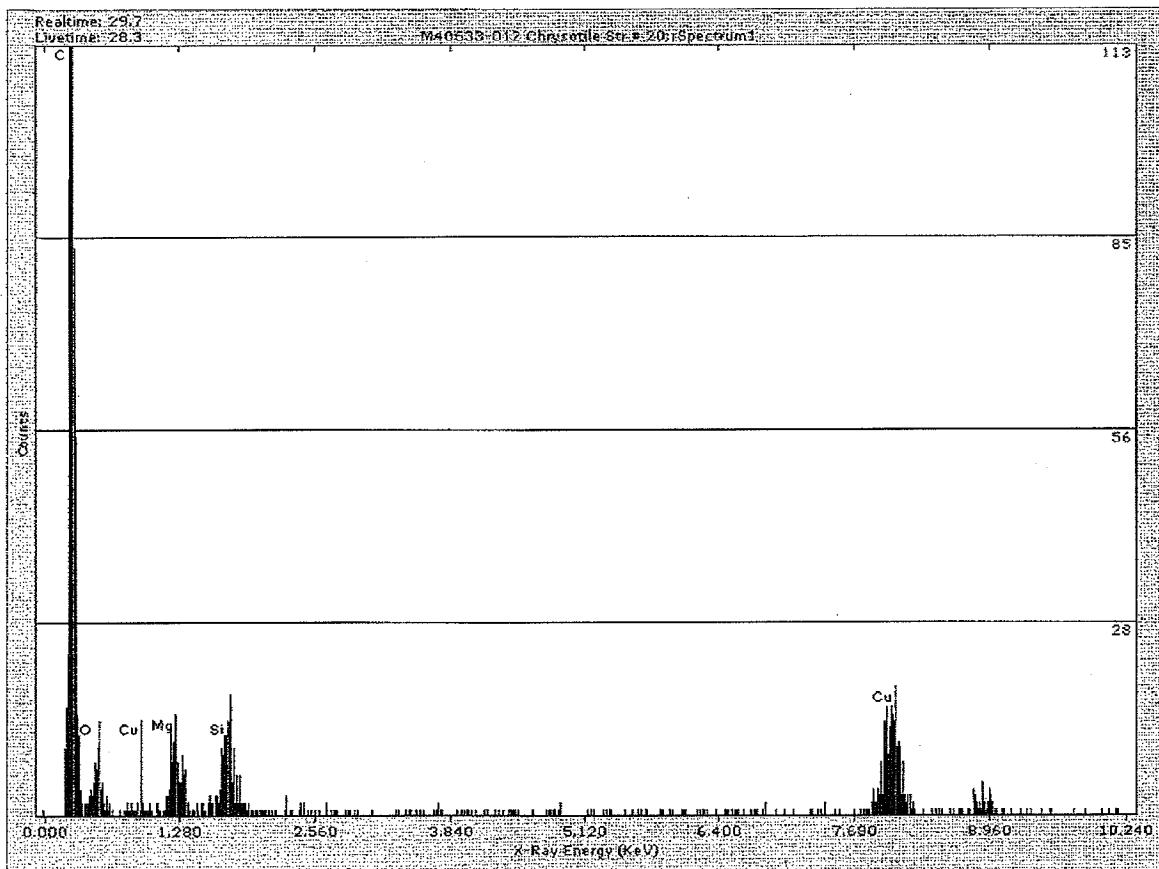


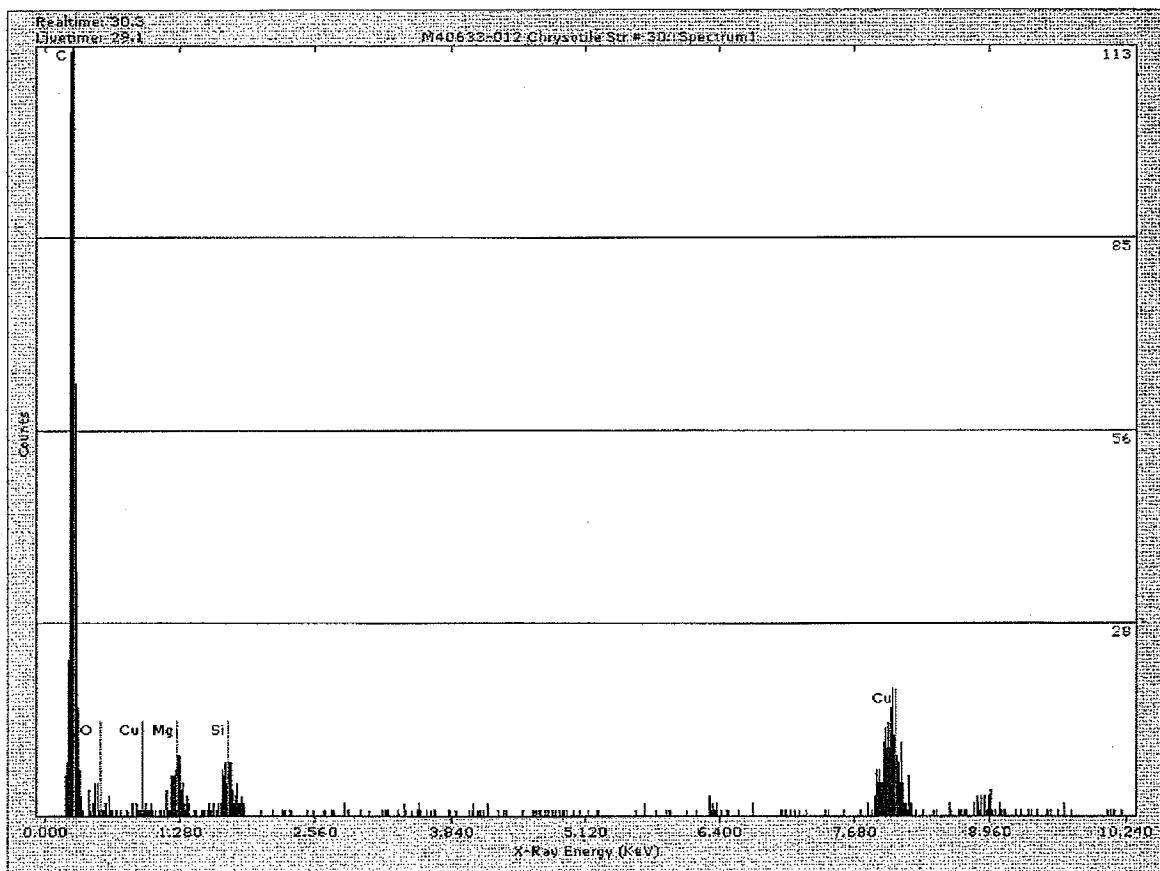


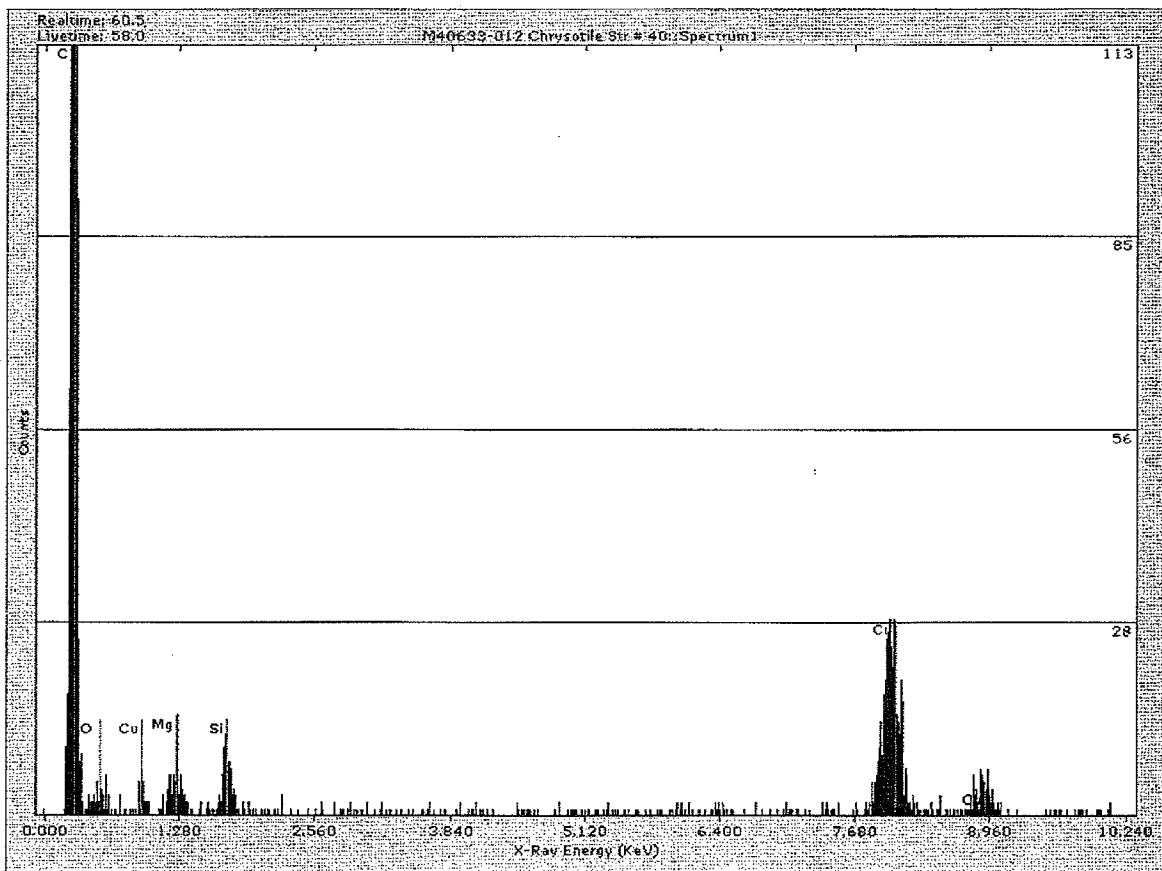


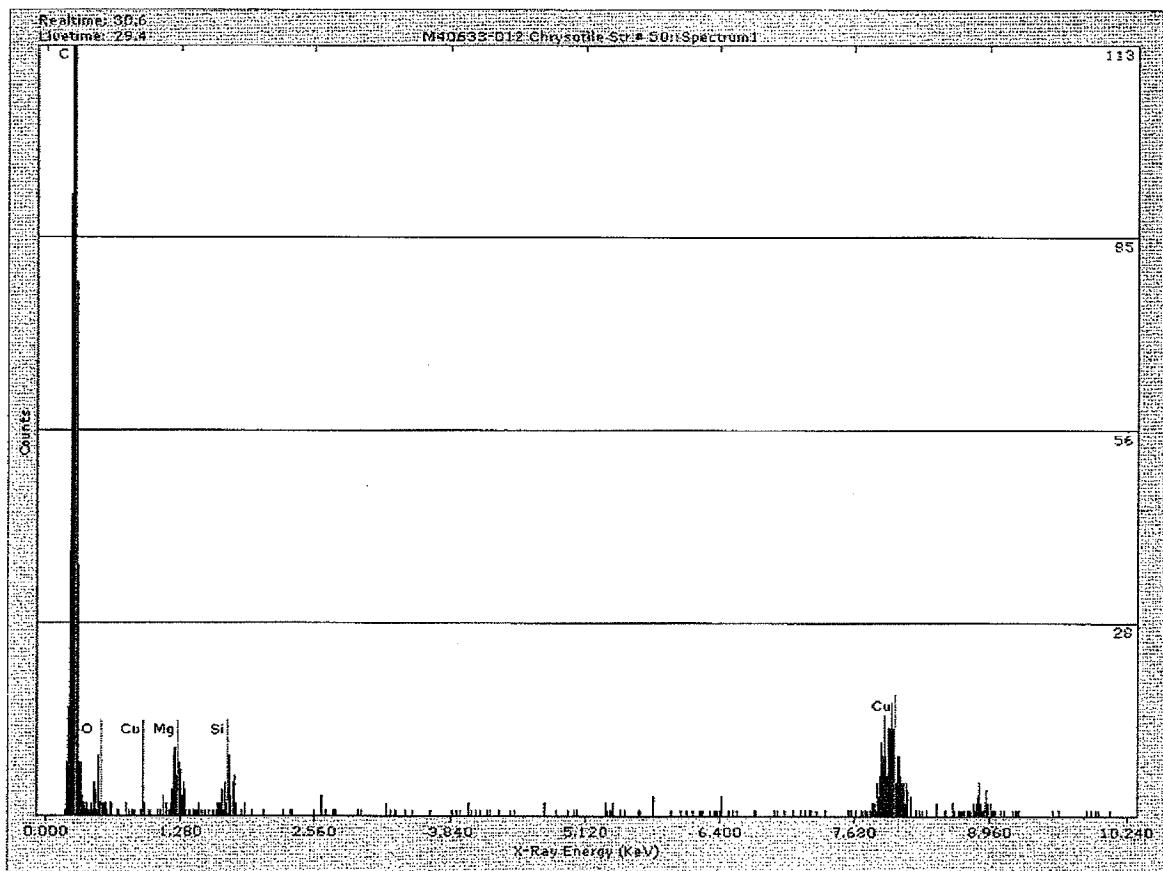


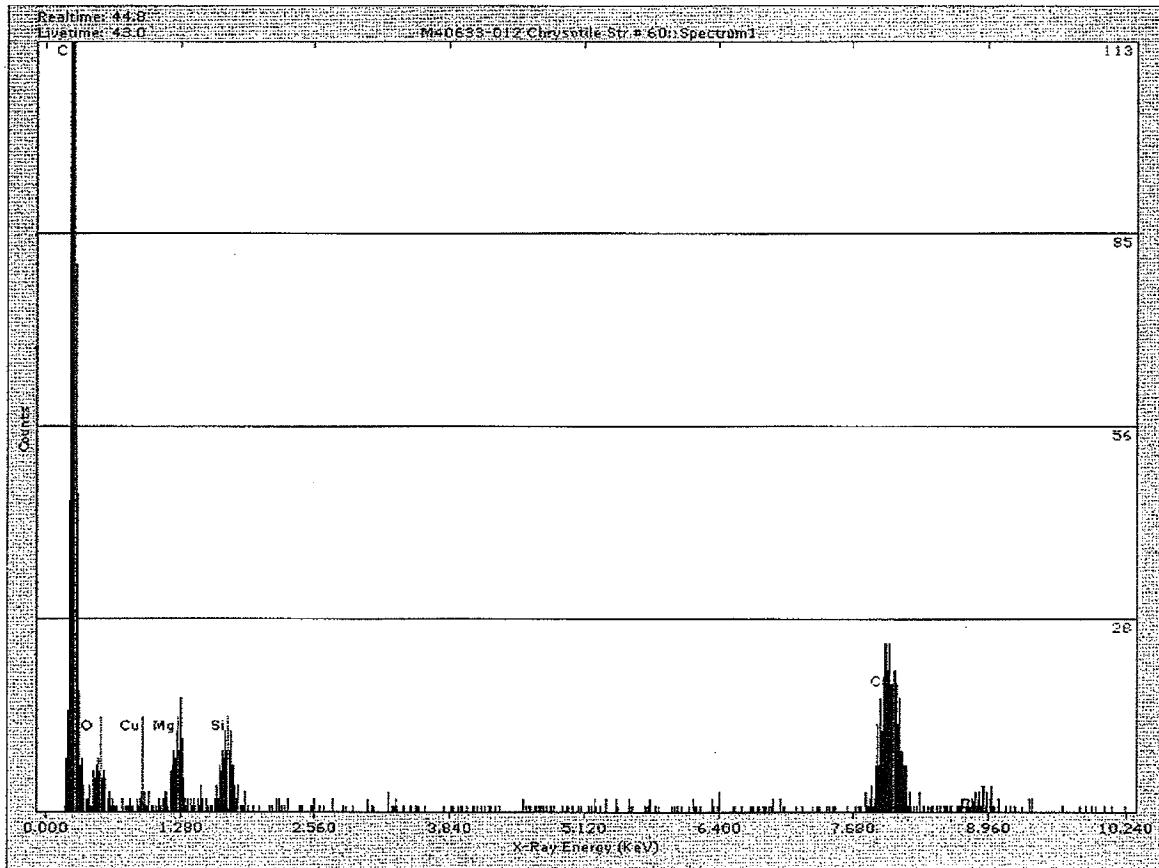


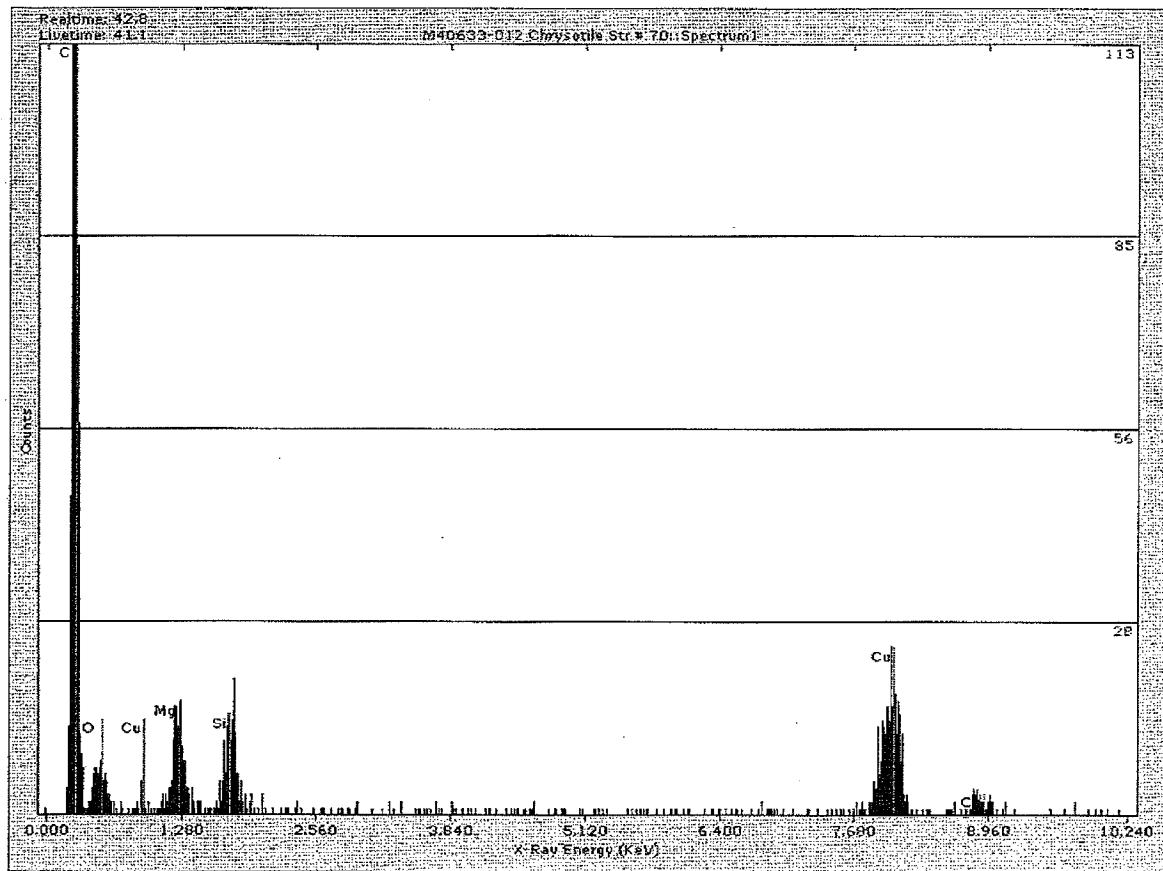


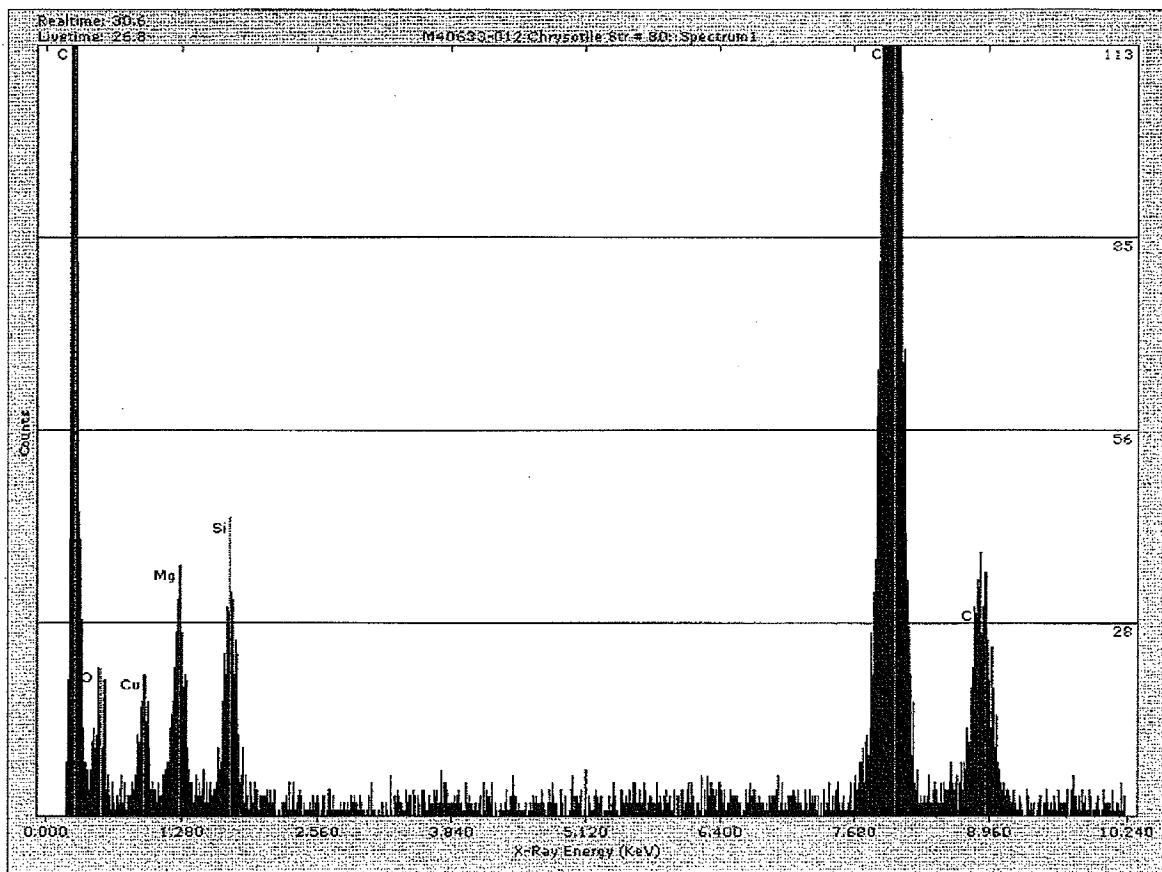


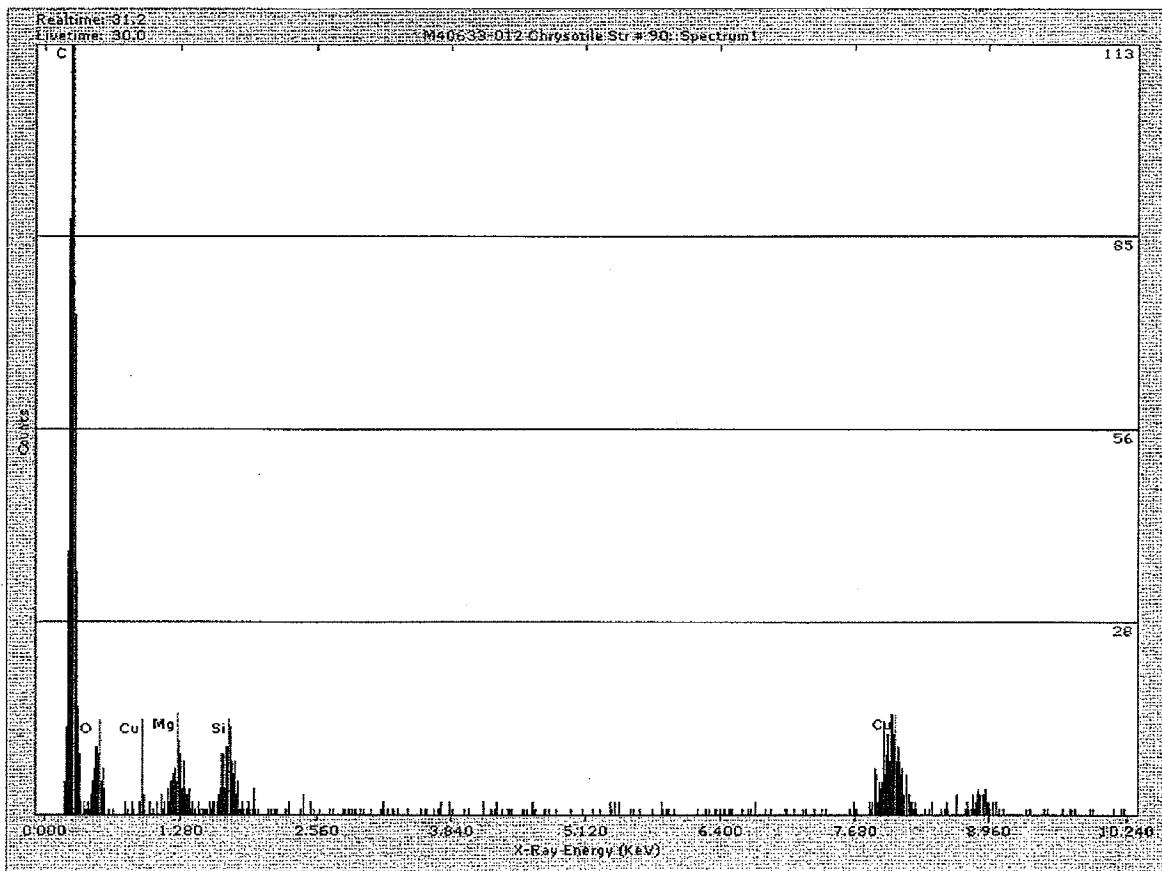


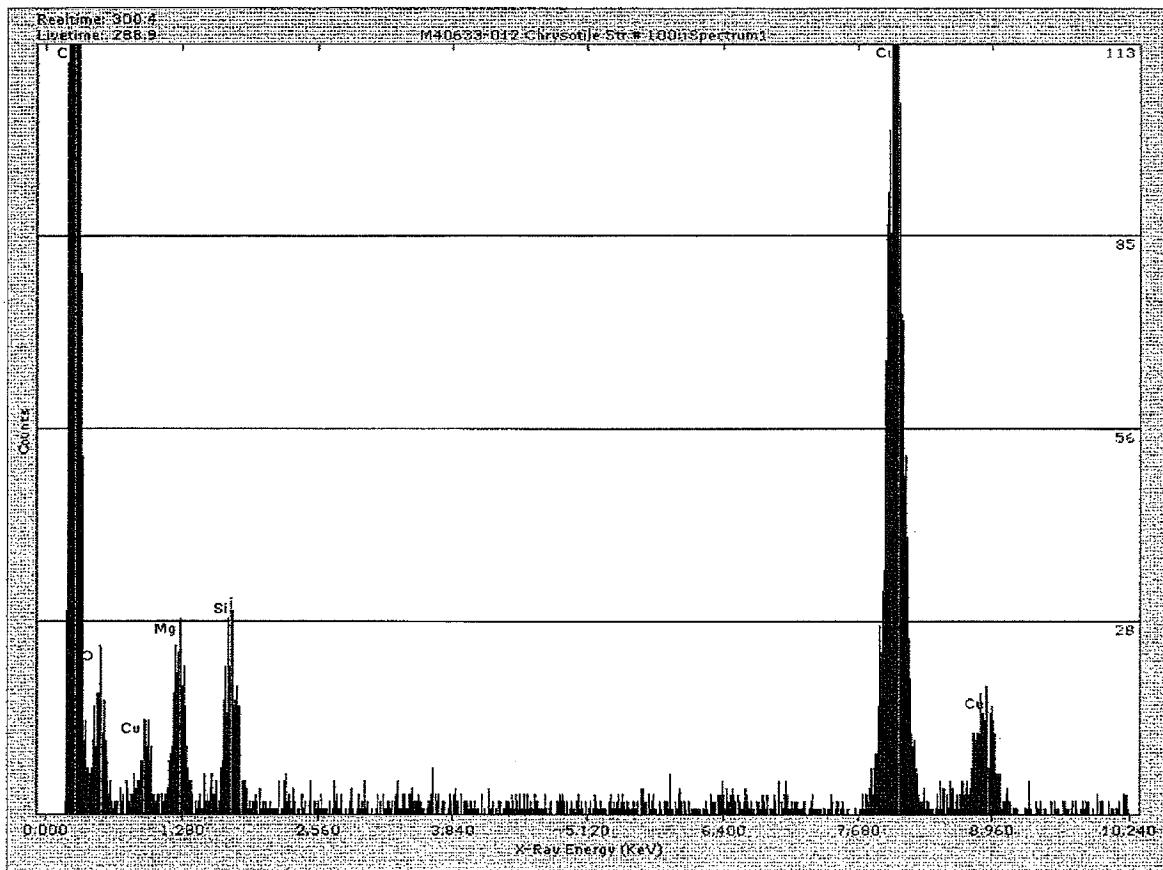












# TEM DUST ANALYSIS M40633 013

Dies and Hile, LLP  
Houston and Amarillo

Client Sample ID: 13

Sample Area/ Volume:	100 cm <sup>2</sup>	Date Analyzed:	10/12/2006
Filter Type:	MCE 47mm	Analyst:	Kevin Simpson
Pore size:	0.45	Scope Number:	3
Effective Filter Area:	1297	Accelerating Voltage:	100 KV
Sample type:	Dust	Indicated Mag:	25 KX
Analysis type:	Dust	Screen Mag:	20 KX
Grid Acceptance	Yes 5 %	Grid_box:	7186
Str < Sum:	90	Number of grids:	2 #1: 105 #3: 103 Average Grid Size: 0.010919
Str ≥ Sum:	11	Number of openings:	5 #2: 104 #4: 106 Total Area Analyzed: 0.055
Total Str:	101	Str / sqr ft	1.115E+10
Volume Filtered	0.2 ml	Str / cm <sup>2</sup>	1.200E+07
Dilution Factor	500	Str / sqr ft >=5	1.214E+09
		Str / cm <sup>2</sup> >=5	1.307E+06

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	E1-G2	C	B	2.00	0.20	X	M36329	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2		C	F	3.60	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		C	B	1.00	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		C	B	2.20	0.20	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		C	F	2.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6		C	C-F	2.00	1.00	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7		C	F	1.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8		C	F	3.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9		C	F	2.40	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10		C	B	3.20	0.25	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11		C	B	2.00	0.12			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		C	M-B	2.00	0.20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13		C	C-F	1.80	1.00			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile NSD - No Structure Detected  
 TR - Tremolite F - Fiber  
 CR - Crocidolite B - Bundle  
 AN - Anthophyllite M - Matrix  
 AC - Actinolite C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14		C	F	2.30	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15		C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16		C	F	1.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17		C	B	1.20	0.30			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18		C	B	1.00	0.15			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19		C	B	2.00	0.30			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20		C	F	0.80	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21		C	B	1.00	0.18			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22		C	F	0.60	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23		C	M-F	0.60	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	G4	C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25		C	F	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		C	B	10.00	0.20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27		C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28		C	F	3.60	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29		C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30		C	B	20.00	0.20	M36331	M36330	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
31		C	B	2.30	0.25			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32		C	M-B	2.00	0.30			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33		C	C-F	1.50	1.00			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34		C	F	1.70	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35		C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile      NSD - No Structure Detected  
 TR - Tremolite      F - Fiber  
 CR - Crocidolite      B - Bundle  
 AN - Anthophyllite      M - Matrix  
 AC - Actinolite      C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36		C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37		C	B	4.00	0.40			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38		C	F	3.70	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39		C	B	1.20	0.20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40		C	F	1.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41		C	F	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42		C	B	1.10	0.13			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43		C	F	1.00	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44		C	F	0.60	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45		C	M-F	0.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46		C	B	14.50	0.13			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47		C	B	1.00	0.30			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48		C	F	0.60	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49	E1-C4	C	F	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50		C	F	1.60	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51		C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52		C	F	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53		C	B	2.80	0.22			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54		C	B	5.00	0.40			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55		C	B	4.60	0.60			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56		C	F	10.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57		C	F	1.70	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile  
 TR - Tremolite  
 CR - Crocidolite  
 AN - Anthophyllite  
 AC - Actinolite

NSD - No Structure Detected  
 F - Fiber  
 B - Bundle  
 M - Matrix  
 C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
58		C	F	3.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59		C	C-F	8.00	4.00			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60		C	C-F	16.00	3.00	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61		C	B	2.00	0.20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62		C	B	2.50	0.40			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63		C	F	1.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64		C	F	0.80	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65		C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66		C	B	0.90	0.13			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67		C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68		C	F	6.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69		C	F	3.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70		C	F	4.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71		C	F	2.20	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72		C	F	1.30	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73	C6	C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74		C	M-B	2.20	0.30			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75		C	F	3.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76		C	F	0.60	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77		C	F	4.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78		C	F	0.70	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79		C	F	1.30	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

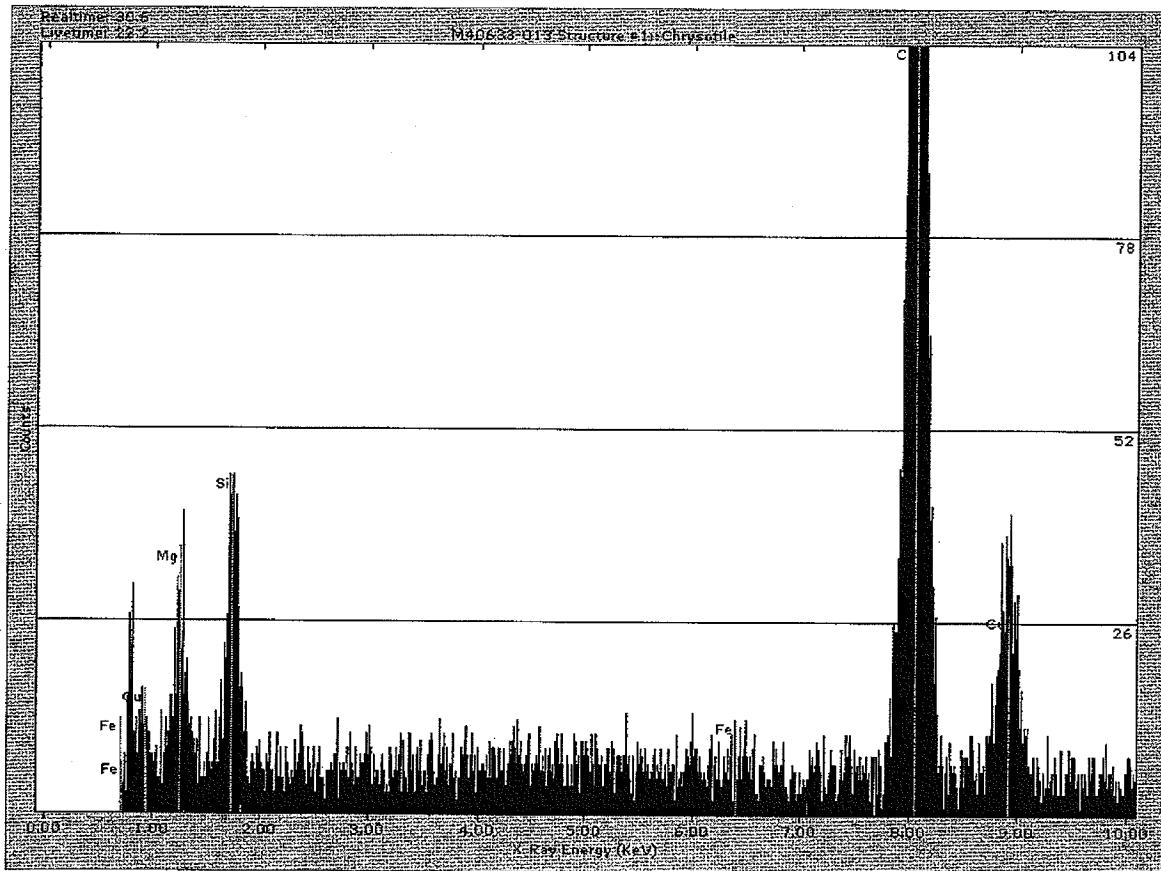
**C - Chrysotile**      **NSD - No Structure Detected**  
**TR - Tremolite**      **F - Fiber**  
**CR - Crocidolite**      **B - Bundle**  
**AN - Anthophyllite**      **M - Matrix**  
**AC - Actinolite**      **C - Cluster**

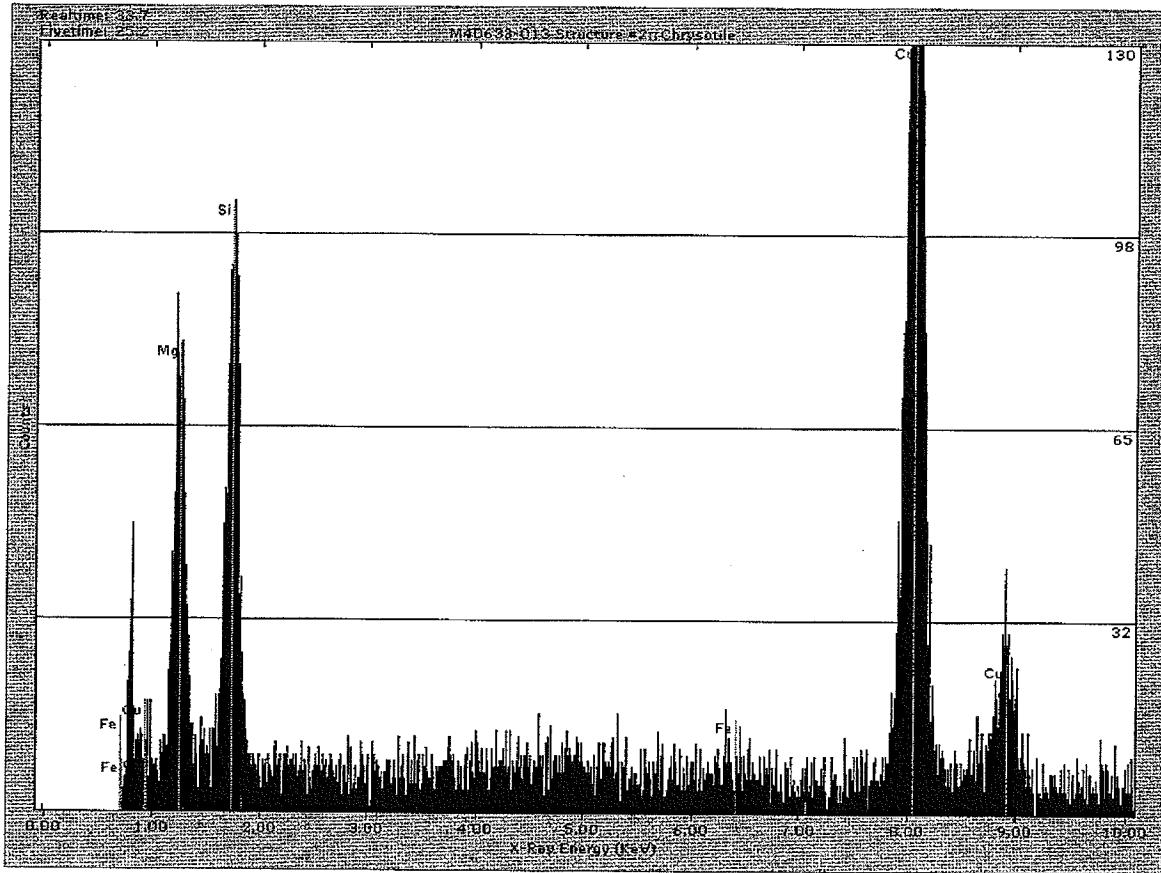
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
80		C	B	4.20	0.20	X	X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81		C	F	2.60	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82		C	B	1.50	0.40			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83		C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
84		C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85		C	F	4.20	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86		C	F	0.80	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87		C	C-F	4.00	4.00			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88		C	B	6.00	0.40			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89		C	F	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90		C	F	3.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91		C	F	8.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
92		C	F	4.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
93	C8	C	F	3.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94		C	B	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
95		C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
96		C	M-F	3.60	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
97		C	B	1.00	0.20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
98		C	B	5.00	0.50			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
99		C	F	0.70	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
100		C	F	0.70	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
101		C	B	1.00	0.22			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

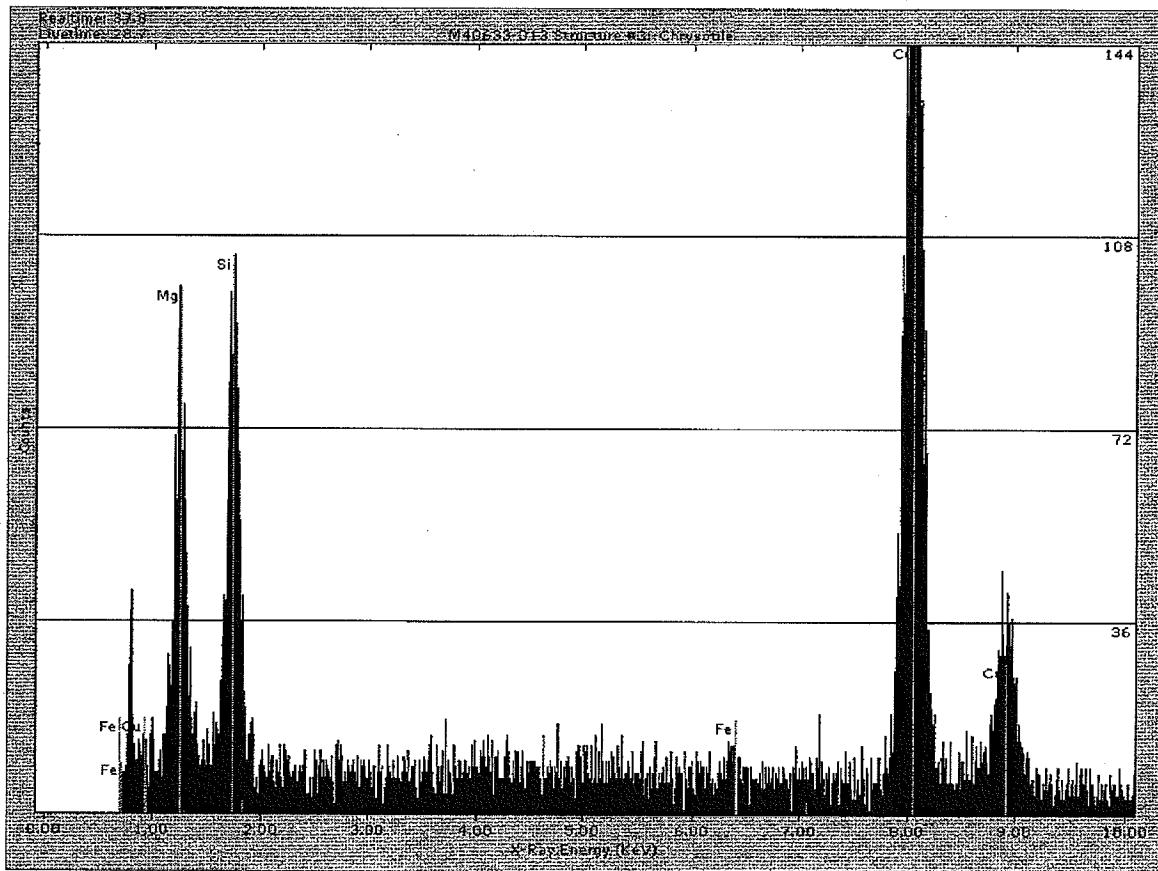
**C - Chrysotile**      **NSD - No Structure Detected**  
**TR - Tremolite**      **F - Fiber**  
**CR - Crocidolite**      **B - Bundle**  
**AN - Anthophyllite**      **M - Matrix**  
**AC - Actinolite**      **C - Cluster**

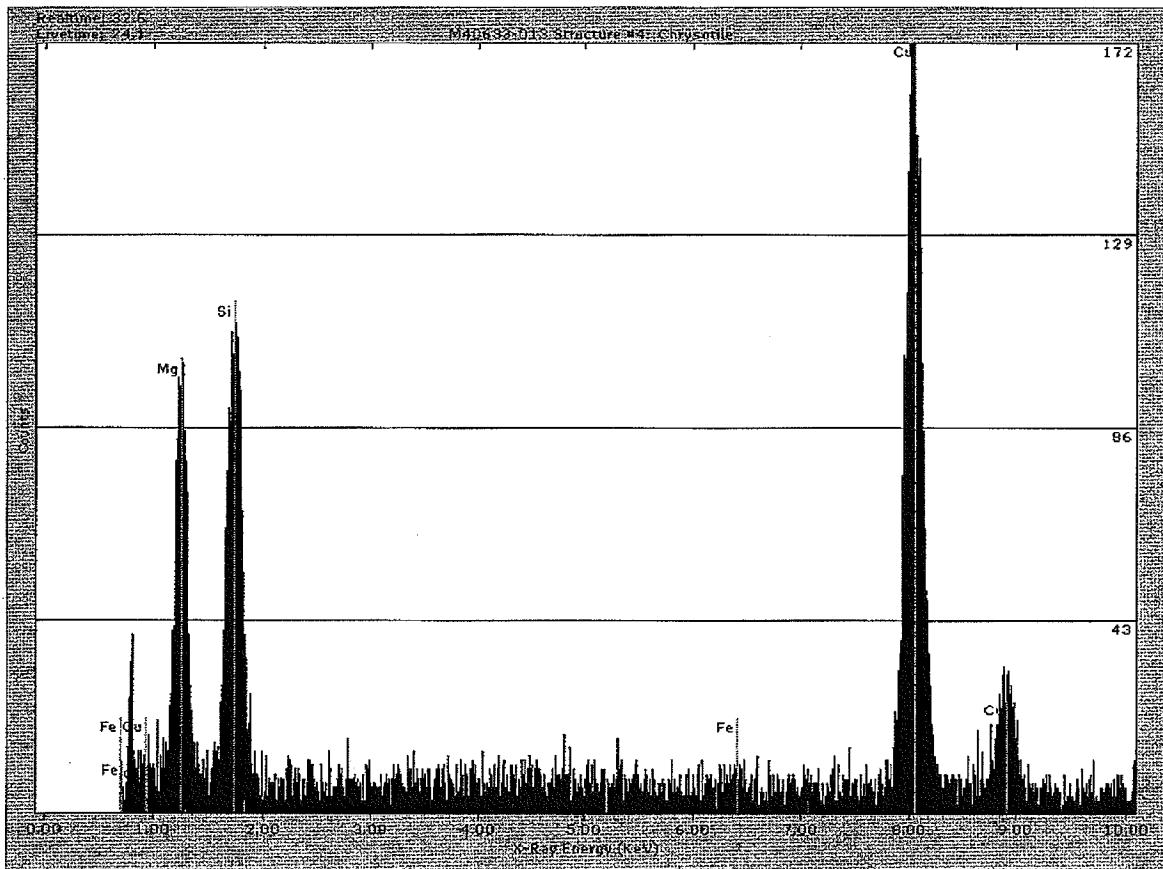
Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
										M40633 013

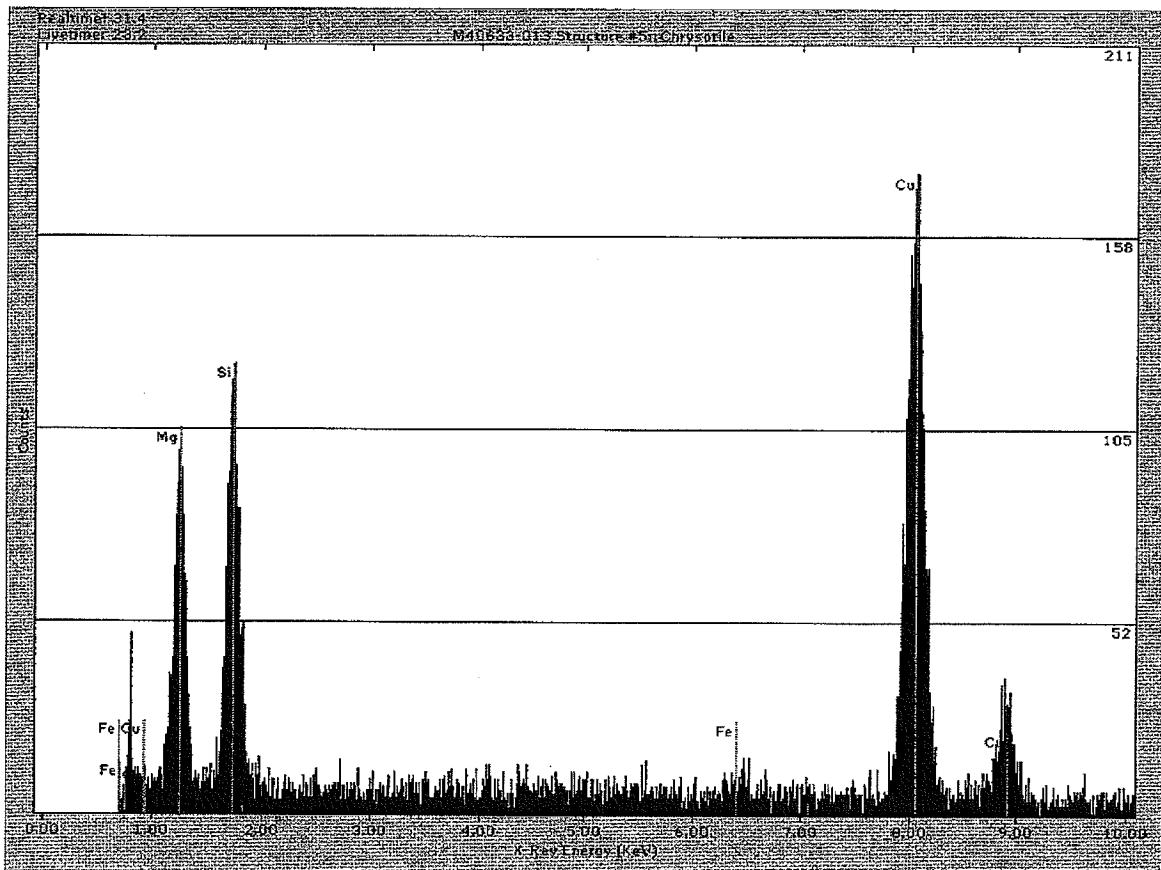
C - Chrysotile	NSD - No Structure Detected
TR - Tremolite	F - Fiber
CR - Crocidolite	B - Bundle
AN - Anthophyllite	M - Matrix
AC - Actinolite	C - Cluster

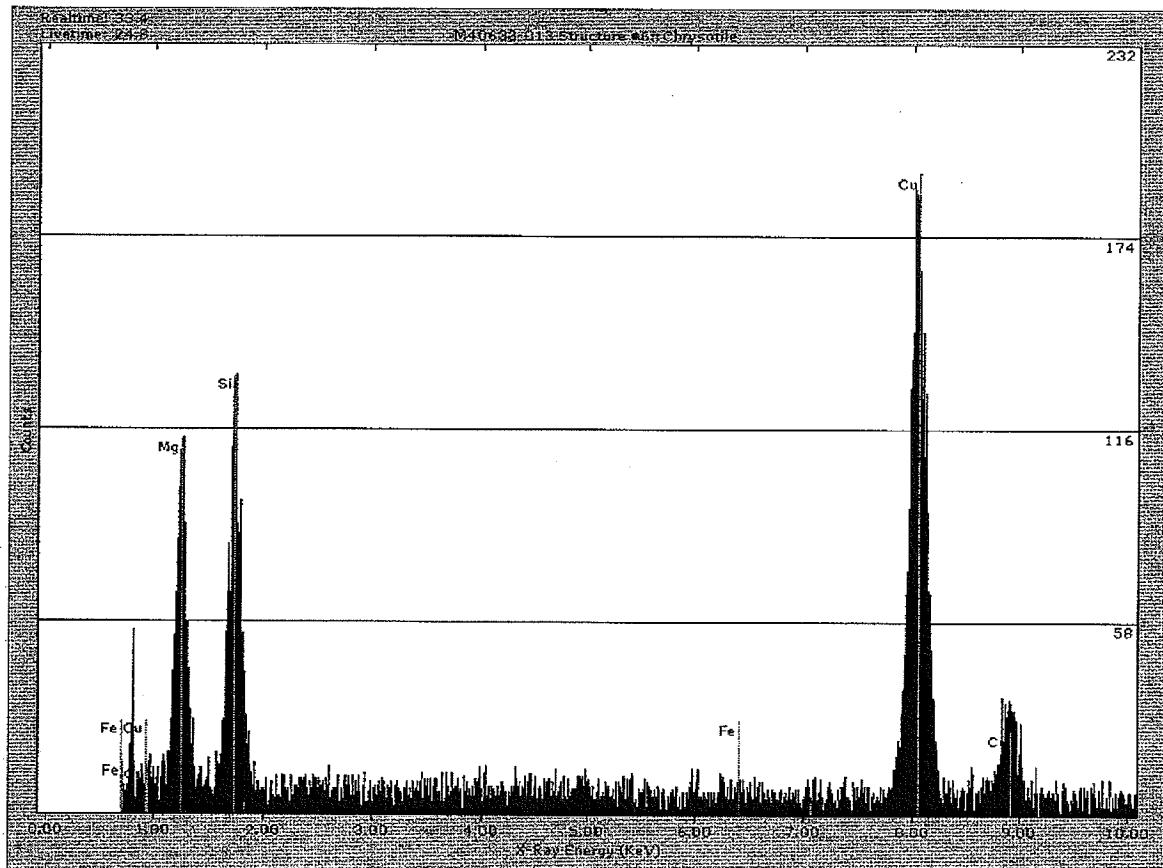


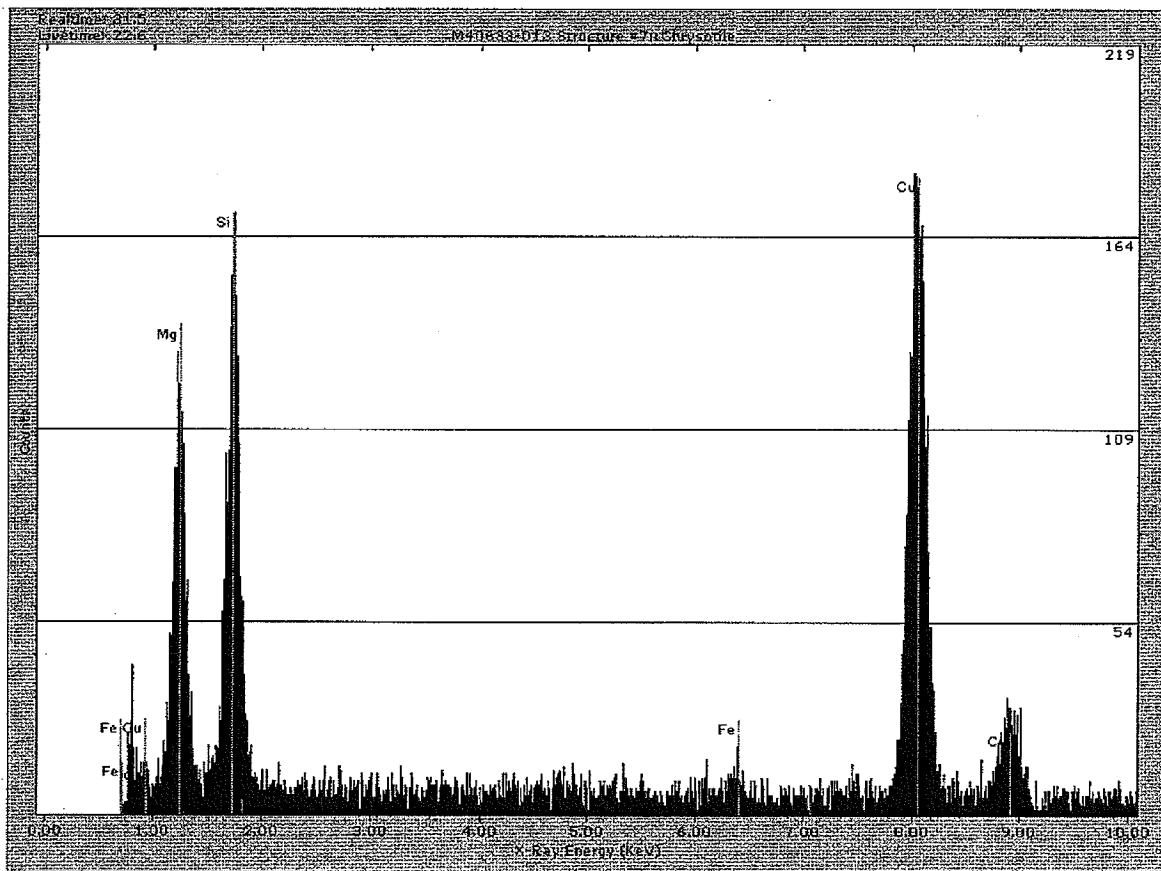


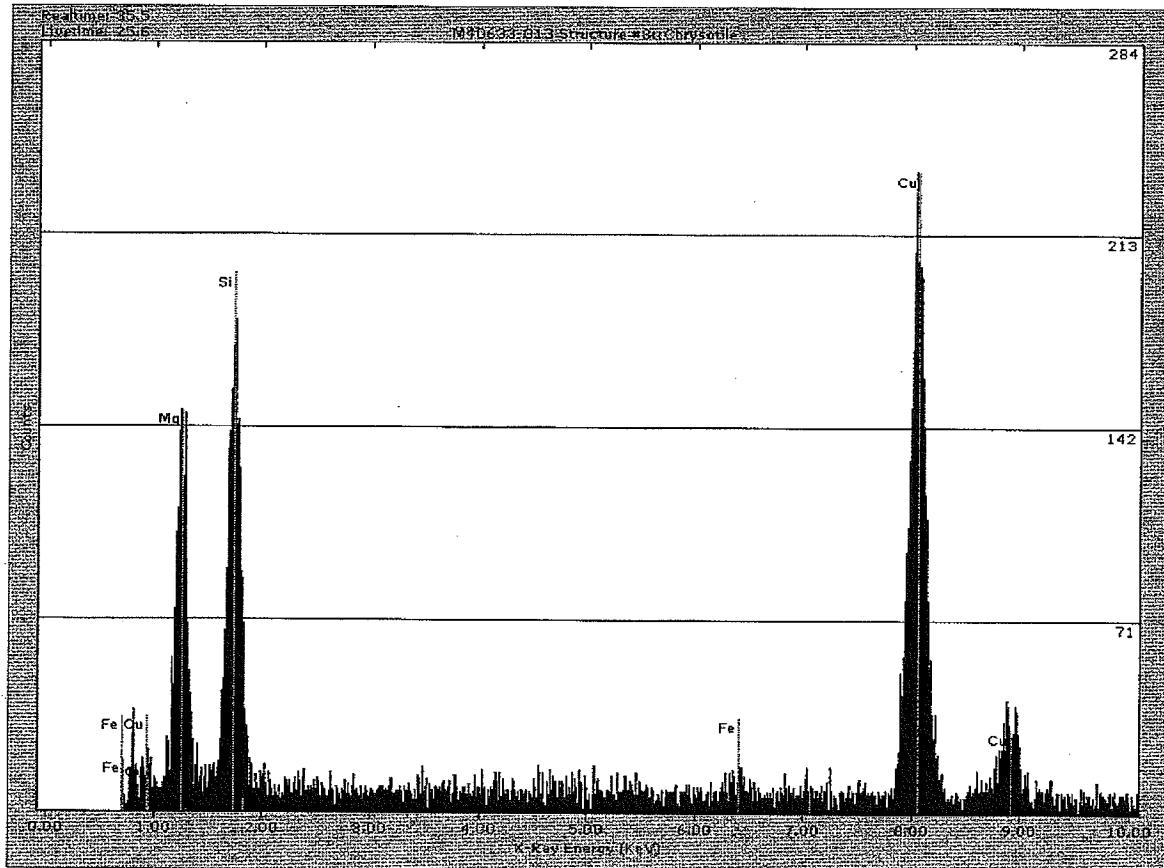


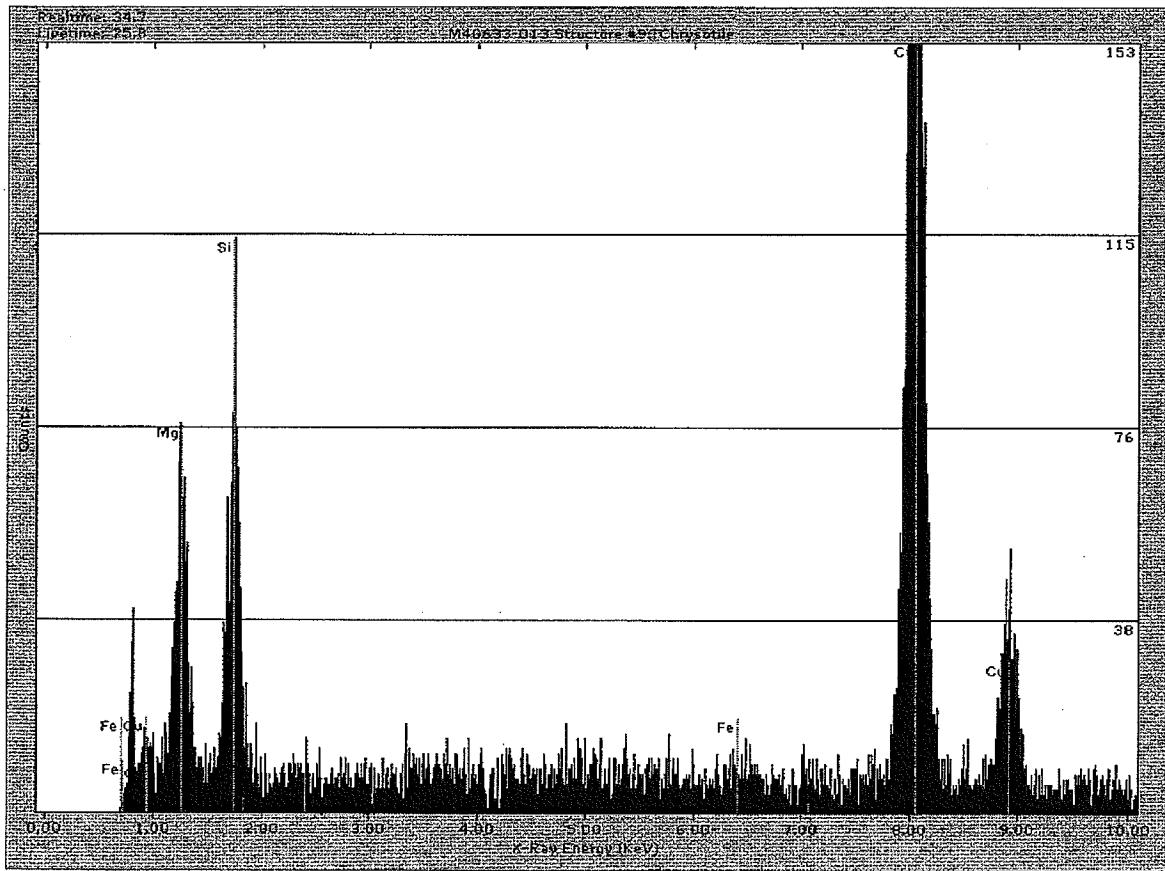


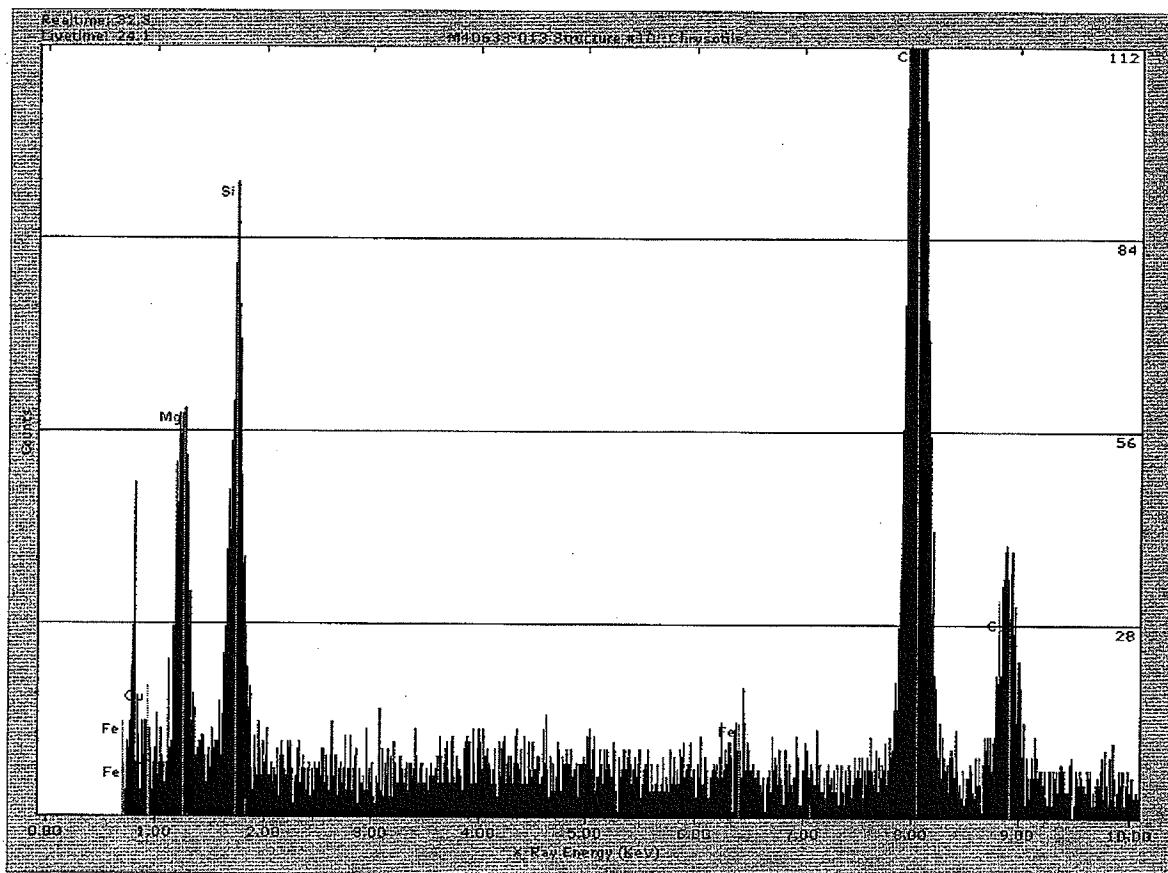


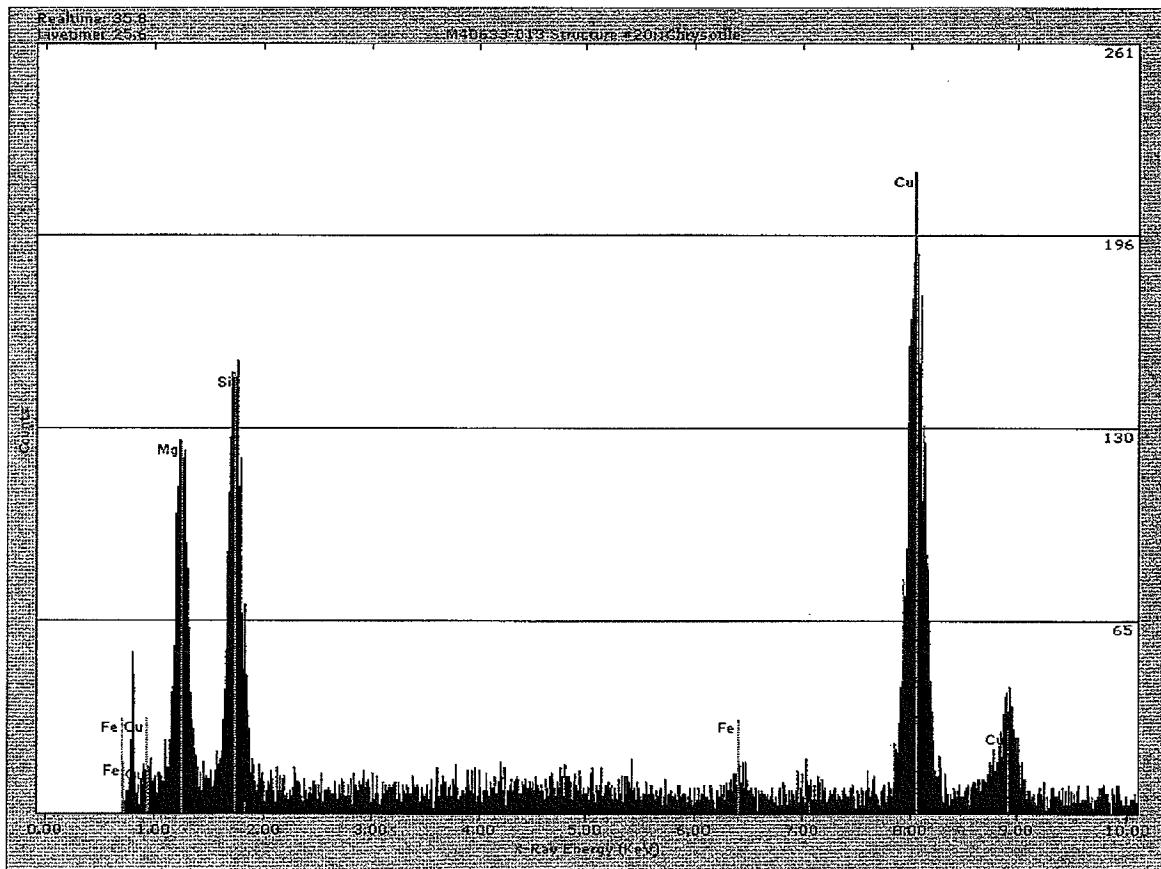


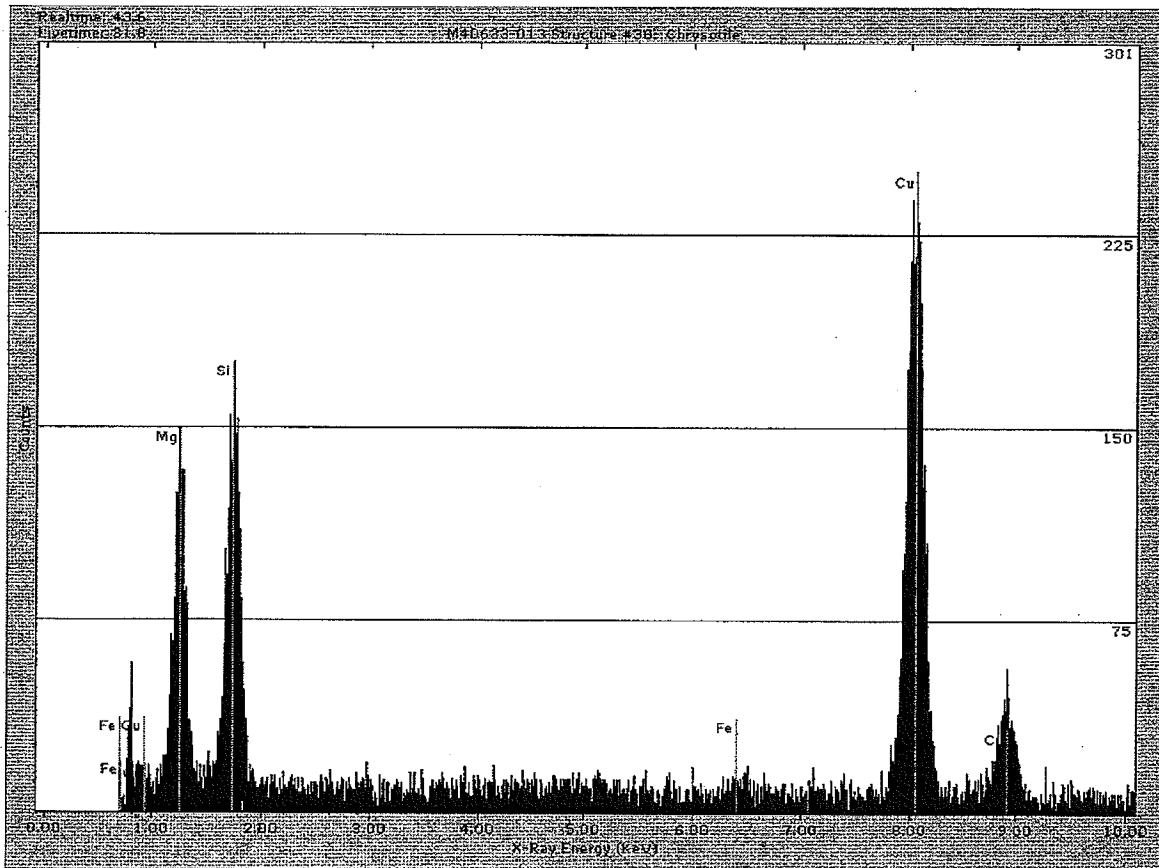


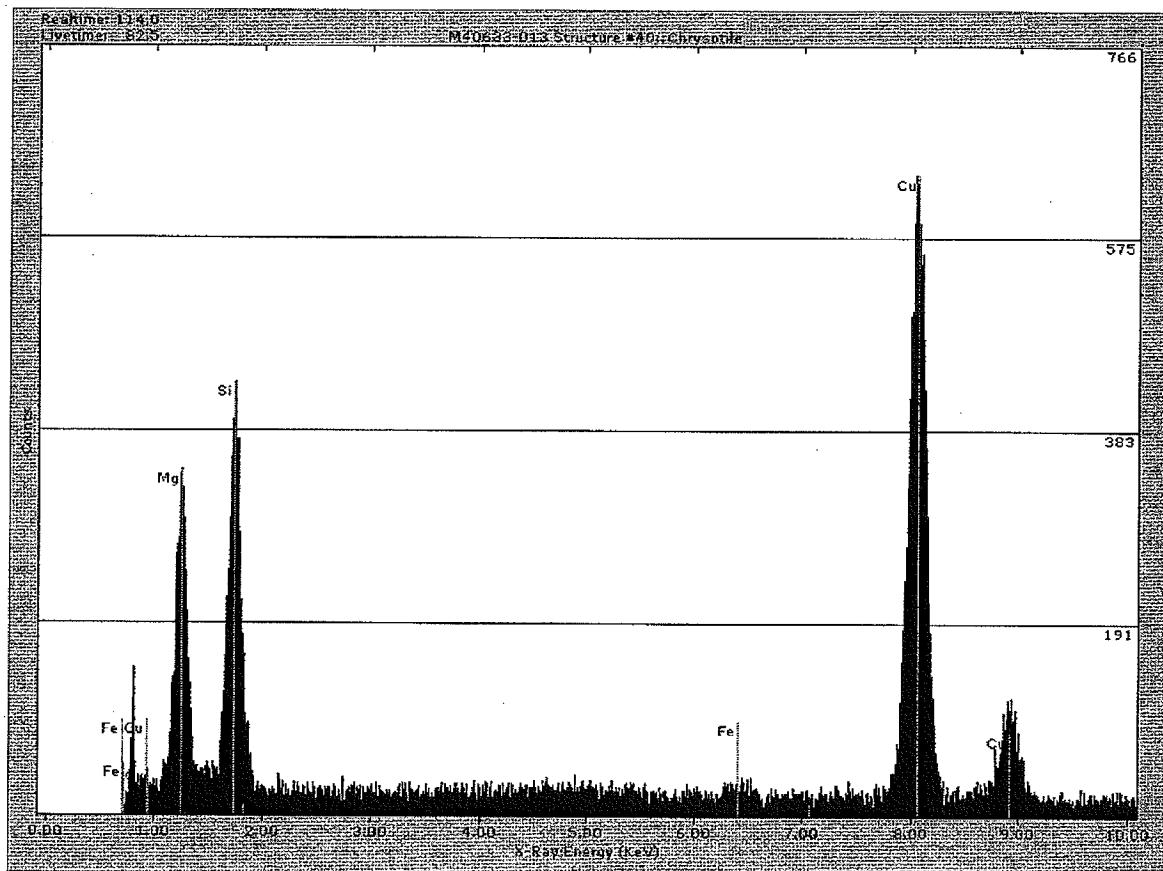


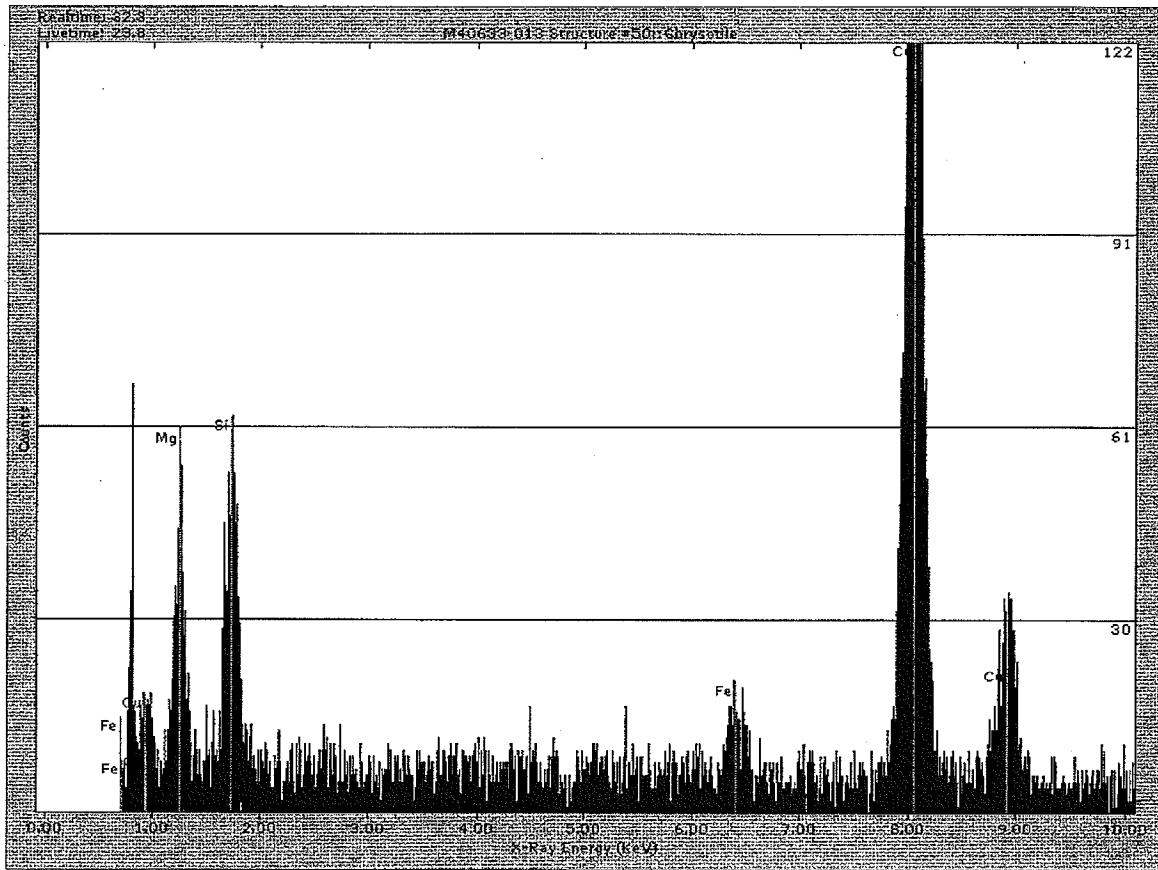


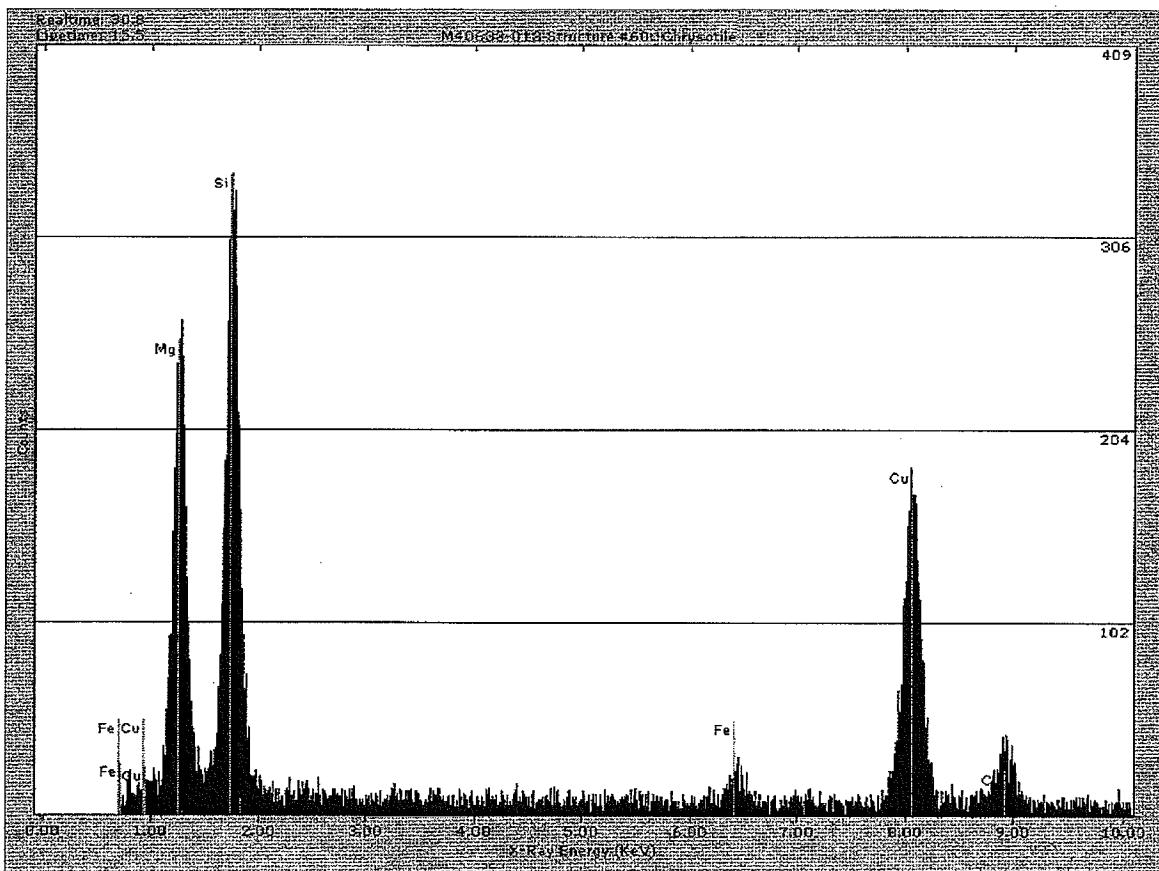


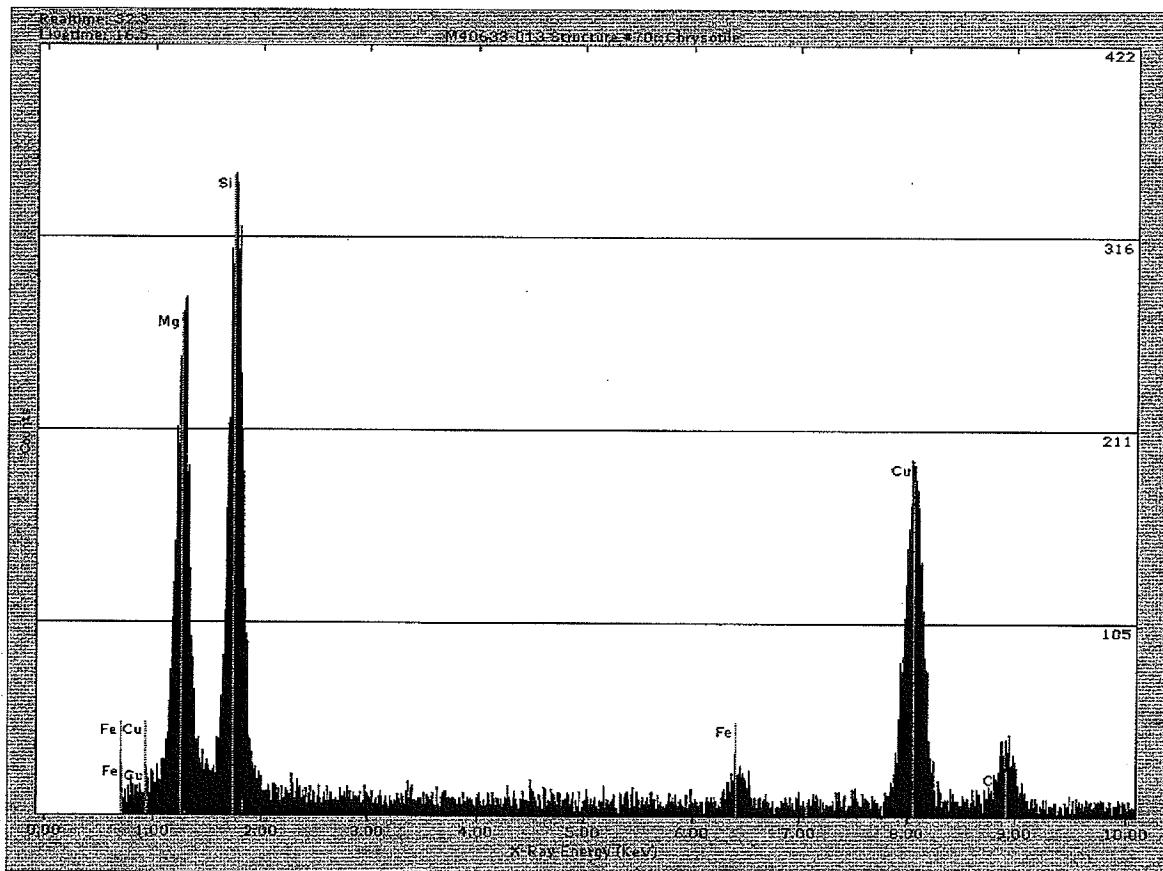


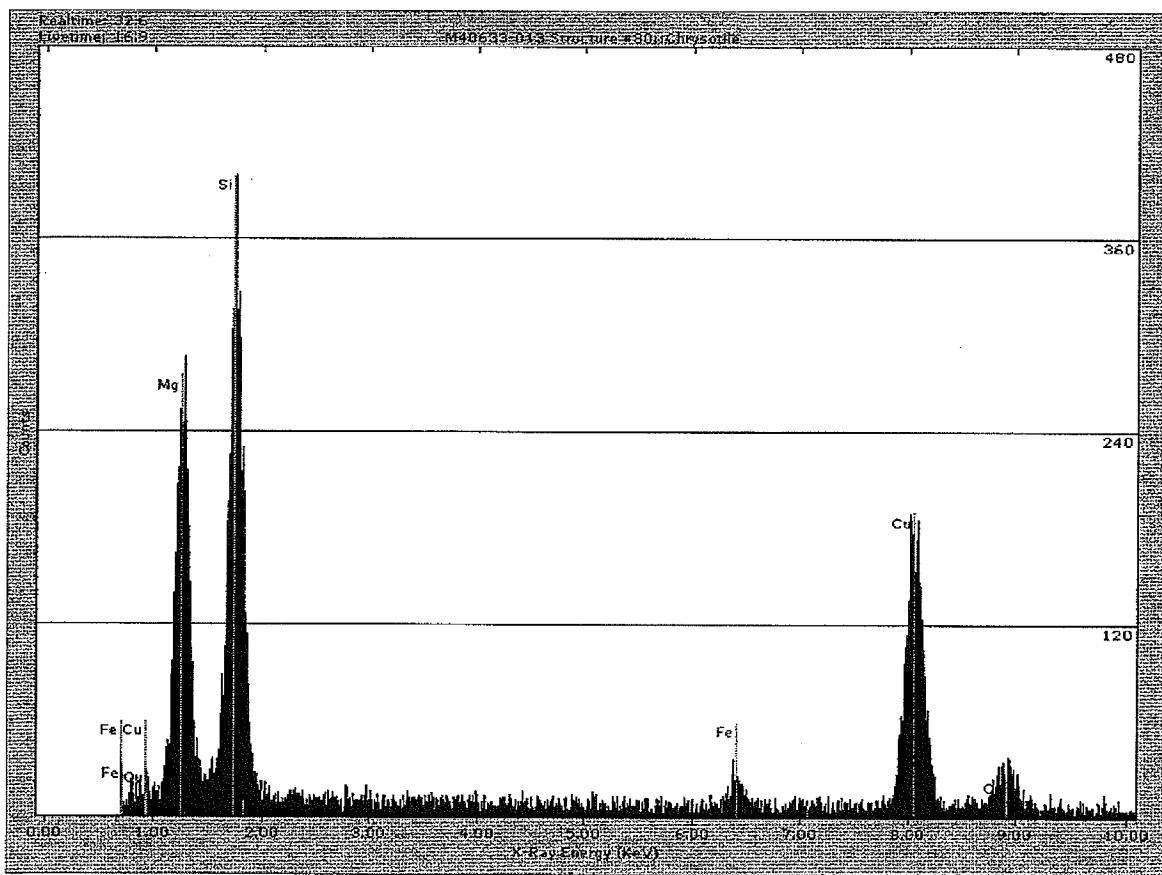


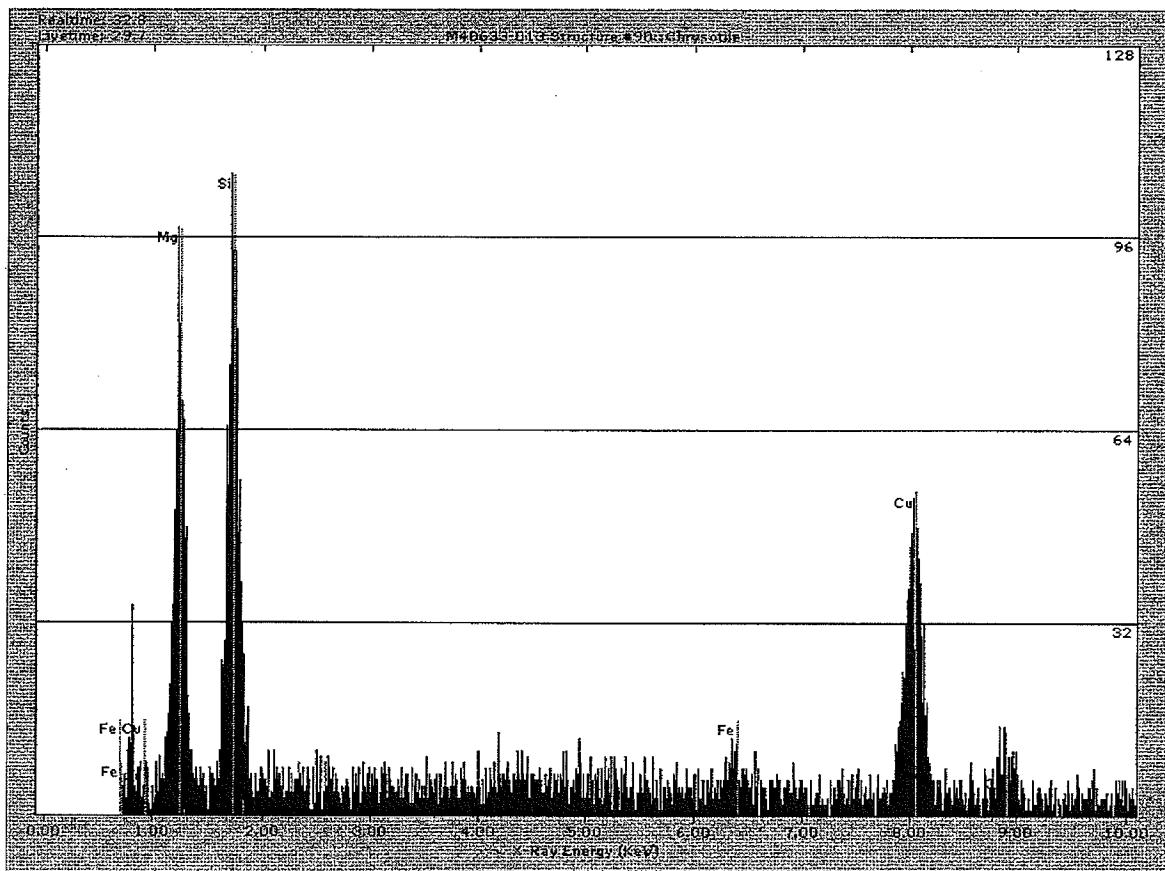


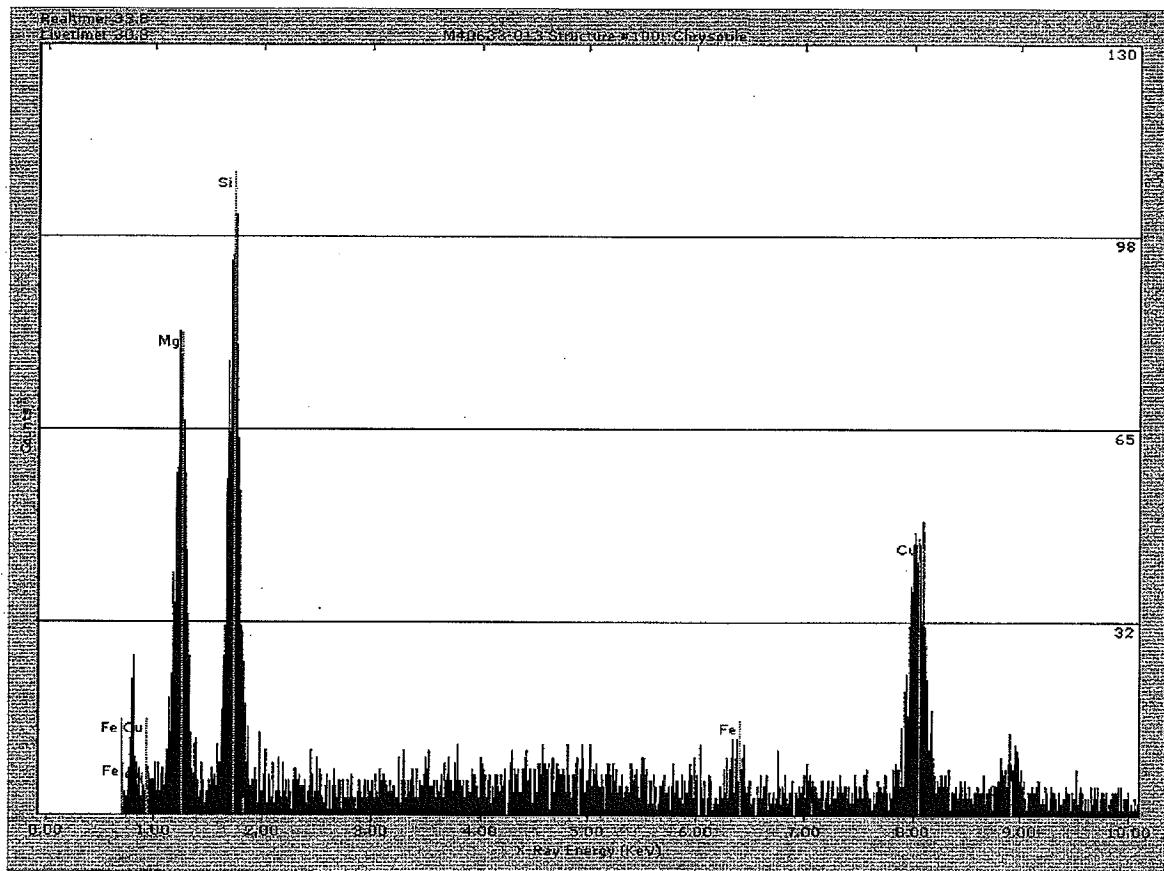












# TEM DUST ANALYSIS M40633 014

Dies and Hile, LLP  
Houston and Amarillo

Client Sample ID: AAT 6

Sample Area/ Volume:	100 cm <sup>2</sup>	Date Analyzed:	10/20/2006
Filter Type:	MCE 47mm	Analyst:	Kevin Simpson
Pore size:	0.45	Scope Number:	3
Effective Filter Area:	1297	Accelerating Voltage:	100 KV
Sample type:	Dust	Indicated Mag:	25 KX
Analysis type:	Dust	Screen Mag:	20 KX
Grid Acceptance	Yes 5 %	Grid_box:	7186
Str < Sum:	55	Number of grids:	2 #1: 101 #3: 104 Average Grid Size: 0.010454
Str ≥ Sum:	9	Number of openings:	10 #2: 103 #4: 101 Total Area Analyzed: 0.105
Total Str:	64	Str / sqr ft >=5	1.037E+09
Volume Filtered	0.1 ml	Str / cm <sup>2</sup> >=5	7.941E+06
Dilution Factor	1000	Str / cm <sup>2</sup> >=5	1.117E+06

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
1	B3-C2	C	B	2.00	0.20	X	M36359	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2		C	F	1.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3		C	F	0.60	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		C	F	3.00	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		C	B	0.60	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	C4	C	F	1.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7		C	F	0.60	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8		C	F	3.50	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	C6	C	F	1.30	0.05	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10		C	F	0.60	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11		C	F	0.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		C	F	0.70	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13		C	C-F	24.00	16.00			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile NSD - No Structure Detected  
 TR - Tremolite F - Fiber  
 CR - Crocidolite B - Bundle  
 AN - Anthophyllite M - Matrix  
 AC - Actinolite C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14		C	F	3.40	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15		C	F	16.00	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16		C	F	0.90	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	C8	C	B	3.50	0.20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18		C	C-F	12.00	3.00			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19		C	F	1.00	0.10	X	M36360	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20		C	F	4.30	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21		C	F	3.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22		C	F	0.60	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	C10	C	F	20.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24		C	F	2.70	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25		C	F	3.20	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26		C	F	0.70	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27		C	C-F	2.00	0.80			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	B2-H2	C	F	0.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29		C	M-F	4.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30		C	M-F	6.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31		C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32		C	F	0.80	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33		C	F	0.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	H4	C	B	2.00	0.20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35		C	F	1.20	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile  
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 CR - Crocidolite  
 AN - Anthophyllite  
 AC - Actinolite

NSD - No Structure Detected

F - Fiber

B - Bundle

M - Matrix

C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36		C	F	12.00	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37		C	F	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38		C	F	3.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39		C	F	3.50	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40		C	F	2.00	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41		C	B	20.00	0.20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42		C	F	0.60	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43		C	F	0.90	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44		C	F	1.20	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45	H6	C	F	4.00	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46		C	F	0.80	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47		C	F	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48		C	F	1.20	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49		C	F	1.00	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50		C	F	6.00	0.10	M36361	X	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
51	H8	C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52		C	F	0.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53		C	F	1.00	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54		C	B	4.00	0.30			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55		C	B	3.50	0.50			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56		C	F	4.00	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57		C	F	2.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C - Chrysotile  
 TR - Tremolite  
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 AN - Anthophyllite  
 AC - Actinolite

NSD - No Structure Detected  
 F - Fiber  
 B - Bundle  
 M - Matrix  
 C - Cluster

Str#:	SquareID:	Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
58	E8	C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59		C	F	0.80	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60		C	F	6.80	0.10	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61		C	F	1.00	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62		C	F	0.80	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63		C	F	0.50	0.10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64		C	F	3.00	0.05			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

M40633 014

C - Chrysotile      NSD - No Structure Detected  
 TR - Tremolite      F - Fiber  
 CR - Crocidolite      B - Bundle  
 AN - Anthophyllite      M - Matrix  
 AC - Actinolite      C - Cluster

